

NEXUS

NEW TIMES MAGAZINE

Volume 2, Number 21 August - September 1994

PO Box 30, Mapleton Qld 4560, Australia

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NEXUS NEW TIMES

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STATEMENT OF PURPOSE

Nexus recognises that humanity is undergoing a massive transformation. With this in mind, Nexus seeks to provide 'hard-to-get' information, so as to assist people through these changes. Nexus is not linked to any religious, philosophical, or political ideology or organisation.

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EDITORIAL

Welcome back to the world of NEXUS!

As usual, we have a variety of thought-provoking and controversial articles for your perusal and, hopefully, your digestion.

Before I begin my usual rave on the wonders of the individual articles to be found inside this edition, I need to address a few letters and phone comments from the gallery.

These letters and comments refer to the type and quality of advertisements inside NEXUS, and have led me to include a couple of paragraphs clarifying our advertising policy, which goes as follows:

NEXUS does, and always will, accept a wide range of diverse advertisements, and while we reserve the right to refuse ads we deem offensive, I have to admit that a couple have slipped through the net. The ads I refer to are those ads which offer 'instant sex appeal' or 'instant power over others' and the like. These ads are deemed offensive in terms of their presentation.

As for the rest of the advertisers, if you are offended by their presence in the magazine, then you had better not buy NEXUS. They have a right to advertise their presence and a right to exist, whether you agree with them or not. We do not have the resources to check out every advertiser's credentials or claims, so I work on the assumption that NEXUS readers are intelligent, and can make up their own minds about things they read, hear and see. This is quite the opposite to mainstream media philosophy, which seeks to make up your mind for you. I also work on the assumption that if you find the advertisement interesting, you may choose to respond, and vice versa.

Now, back to the best issue of NEXUS so far...

I really want you all to read the Seeds article. It is outrageous that the future of our food supply is quietly being monopolised. That dream you always had about living in the country, growing your own food, may never eventuate if these companies continue the way they are. Read it, and get some seeds now from your local organic seed bank.

The speech extract on Remote Viewing I think is most interesting. It gives a glimpse of how astral or out-of-body travel is being used for information-gathering and spying.

Onto the Root-Canal Toxins story—ugh! If you have a root-filled tooth, you have my sympathy. What can I say, except read the article. If you are still unconvinced, contact an informed dentist and ask him or her—they will tell you to have it removed as soon as possible (the tooth, that is).

The Germ Theory article—oh boy, I love this one. It is so hard to get this information across to people, especially health practitioners. This article is written to be understood. Please give it your attention, as I believe it will greatly help you understand what sickness is all about and thus make you more in control of your own health.

Speaking of health, those who missed attending the independent World Congress on Cancer might want to get the video or audio tapes; please refer to the advert on page 40 for further details.

And finally, tech-heads and infomaniacs, NEXUS OnLine! is up and running—again. We apologise for our teething problems with this (equipment delays), and would like to draw your attention to the advert on page 13 for information on joining the NEXUS Frequent Reader's Club.

Duncan

WARRANTY AND INDEMNITY

Advertisers upon and by lodging material with the Publisher for publication or authorising or approving of the publication of any material INDEMNIFY the Publisher and its servants and agents against all liability claims or proceedings whatsoever arising from the publication and without limiting the generality of the foregoing to indemnify each of them in relation to defamation, slander of title, breach of copyright, infringement of trademarks or names of publication titles, unfair competition or trade practices, royalties or violation of rights or privacy AND WARRANT that the material complies with all relevant laws and regulations and that its publication will not give rise to any rights against or liabilities to the Publisher, its servants or agents and in particular that nothing therein is capable of being misleading or deceptive or otherwise in breach of the Part V of the Trade Practices Act 1974. All expressions of opinion are published on the basis that they are not to be regarded as expressing the opinion of the Publisher or its servants or agents. Editorial advice is not specific and readers are advised to seek professional help for individual problems.

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Letters to the Editor...

NB: Please keep letters to approx 100-150 words in length. Ed.

Re: Ancient Mysteries

Dear NEXUS: Regarding the "Secret Chamber in the Great Pyramid" by Erich von Däniken (NEXUS 2/18, Feb-Mar '94), Erich von Däniken was and still is expert no. 1 in Ancient Mysteries.

Since his first book, *Chariots of the Gods?*, almost 30 years have gone by. All kinds of people have attacked Erich von Däniken. Erich von Däniken always won—and he is continuing his important work.

May he find the final evidence for his interesting thesis on Ancient Astronauts.

Sincerely yours,
Walter L., Lügde, Germany.

Re: Left/Right Conspiracy

Dear NEXUS Magazine: I have been studying the 'conspiracy theory' for some time now and have gone off the deep end trying to figure everything out. Unfortunately, I seem to be hung up on a self-evident point that I somehow can't comprehend: just what is the Left/Right?

The Left seems to call everyone and everything in its 'conspiracy' Fascist, and all groups and/or organisations on the Right (John Birch Society, Liberty Lobby, etc.) are government front organisations spreading propaganda.

While on the other hand, the Right calls everything in its 'conspiracy' Communism and all the groups and/or organisations on the Left (Earth First, etc.) are government front organisations spreading propaganda.

The strange thing about all this is that both sides point to the same people as running this 'conspiracy'. It's the labels and issues that are different. So, what's really going on—Fascism or Communism? And what's the difference?

Personally, I see truth on both sides, but if any readers would care to enlighten me I would appreciate it. I can be reached at the following:

Joseph Torrey, 675 Rosal Way,
San Rafael, CA 94903 USA.

(Dear Joseph: Someone once said to me: "left wing, right wing, same bird". Ed.)

Re: Anti-Ageing Drug

Dear Duncan: I believe it was in no. 19 of NEXUS that a Qld firm advertised a book, *Deprenyl: The Anti-Aging Drug*, which can be pur-

chased through them and sent from England.

I was born with a low-working thyroid gland and immature lungs. I am an old-age pensioner and was deteriorating too fast, I felt; so I decided, why die before I wanted to. After reading the book, I sent for the tablets (also works on Parkinson's, etc.).

Now, 23 days later, I am vastly improved: my muscles are stronger and have more staying power; I now walk fast up a hill on this property without stopping about every 10 feet as before, legs tired and gasping like a fish. On the eighth day on L-Deprenyl, I walked fast up the hill, non-stop, but gasping like mad at the top, and each day since I have improved—even the lizard's neck I had grown seems to be shrinking, as it is softer and seems to be getting folds in it.

To other old people badly in need of this boost, I state the effect on me is great, but it's too dear to buy the tablets, though I believe the results of the drug are worth a mint to me.

Yours faithfully,
M. R., Lome, NSW.

Re: Suppressed Research

Dear Duncan: As a died-in-the-wool, card-carrying oddball black sheep for at least 40 years, of course I appreciate NEXUS. I have learned more in the past 20 years (by synthesising) than in the rest of my entire lifetime, the bulk of which has been given over to unfettered ferreting for the truth. NEXUS is updating long-familiar topics for me, as well as introducing a few new.

Now that you have let it be known that you have seen through the perennial evolution hoax, I decided to write you this:

Why don't you (or someone) pursue, and do, an article on Kim Bong Han's research on the Kyungrak system (meridians of acupuncture) which was done during the early 1960s in North Korea, and now suppressed.

While living in Oregon during the early 1980s, I dug out enough info to realise what has happened, and I have material in my files on it, including a letter from William Tiller of Stanford, who did some work with it to prove 'spiritual evolution'. (He might not have called it that.)

Then, living in the US, I found

that the only copy of the original research owned up to was in the Harvard-Yenching Library. The local Library Inter-Loan system finally turned it up, apparently written in Korean, but the 'keepers' refused to either copy it for me or lend it out. They did, however, extend themselves to send me a copy of an article in a local North Korean paper praising the work as of "great importance to medicine for the world". There were suitable accolades, also, to the Communist big brothers of the day. (I finally was lent a borrowed copy by my Chinese acupuncturist, and I have an OP book with diagrams explaining it.) It was soon said that the work was "unrepeatable".

Nobody ever told me, but my educated guess is that the work was rejected because it clearly disproves evolution. What 'scientist' wants that? Sadly, Bong Han evidently shot himself.

There's a lot of interesting material around all this, including a piece in the book, *Case of the Midwife Toad*, by Arthur Koestler, which you might remember was recommended in Mendelsohn's *Confessions of a Medical Heretic*. It is all fascinating, important stuff.

How about it, Duncan?
Devra S., Kippa Ring, Qld.

Re: Mind the Subliminals!

Dear Editor: In vol. 2 no. 15's Letters to the Editor, re negative articles in NEXUS, Darren claims your name should be on the list of CFR/TC. The first thing that came to my mind was the adverts and not the crap he whined about (and I'm happy to see you reply so honestly).

The ads for subliminal tapes, mind machines, Rosicrucians, channels, Dianetics, Bio-regulator health bracelets, Total Overcomers Anonymous, Earth Changes, and various other propaganda are at least questionable, and at worst extremely dangerous.

Have you not read your own publication's articles on NWO's mind control techniques and subliminal warfare?

The most dangerous ads are the mind machines and subliminal tapes. Anything could be hidden inside these tapes. Some may be harmless, but some may be hypnotic suggestions put there by front companies for the NWO. There is no way to tell the difference, and I for one am not going to take any-

one's word about what is in these tapes.

Mind machines are even worse. And some companies practically give them away; programs and machines! These machines actually entrain the user's brainwave patterns which makes it easy for them to control the user's mind. I would get into deeper details, but we have a space consideration.

Name withheld,
Massachusetts, USA.

(You raise some interesting points, the biggest one being, whom do you trust? Ed.)

Re: Questionable Adverts

Dear Duncan: I would like to point out that most of your magazine's advertisements are in step with the NEXUS feel and attitude, but some are really grotesque, e.g., the ones offering instant meaning of life.

Firstly, are we NEXUS readers so stupid? I think quite the contrary. Besides, most of these guys operate leading us to believe money has nothing to do with it. Then why do they charge silly prices? Another type are ones offering instant success—"make untold millions". And what do we suppose people who make these untold millions do with this hypothetical money? I don't think they'll be reading NEXUS any more, nor using organic house-paint either. Probably they'll buy a major daily newspaper.

I know you're not a socialist or anarchist mag, but I hope you can still see my point.

By the way, an idea for a bumper sticker: NEXUS—Read Between the Li(n)es.

Sincerely,
Haron M., North Bondi, NSW.

(Dear Haron: Love the bumper sticker idea. As for the advert you are referring to, well, I told the advertisers in question not to insult the intelligence of NEXUS readers, but they wouldn't listen. Please also write to them; your feedback will help change things. Ed.)

Re: Ozonation Exhilaration!

Dear Duncan and NEXUS staff, Firstly, thanks for your unique and courageous efforts in publishing NEXUS.

Special gratitude for bringing us all the information on oxygen thera-

Continued on page 13

POLICE STATE USA

The letters are often the same. A date is given, and the hard facts are spelled out. In one case for this week, Cliff Robertson of Whitesville, Kentucky, told about how some 30 people—police of every stripe—came to his house, arrested him and trundled him off to jail. Five days later, with Cliff out on bond, they came again with enough cartons to pack off all his possessions, books, papers, etc. They also arrested him again.

Robertson got into trouble over a decade ago. A muscular dystrophy patient came to his clinic. When she left, she walked out without a wheelchair. A newsman got hold of the story, and this item on the front page prompted the State Medical Board to pull his licence. (The Board chairman at the time distinguished himself by negligently sewing up medical sponges in a patient during an operation.)

Robertson closed his osteopathic clinic and turned to teaching to make a living. Some of his friends set up a Cliff Robertson Foundation, and, under its auspices, Cliff set up a school.

Needless to say, the government ringers arrived, and in due time physician Cliff Robertson stood accused of practising medicine without a licence.

The TV news has reported that the prosecution will ask for a 40-year sentence, which, for this physician who has already given 50 years of service, would amount to a life sentence.

(Source: *Acres USA*, April 1994)



IDENTITY CARDS

From 1st June this year, every citizen above 12 years of age in the Netherlands must carry a new type of ID card on their person. The ID card costs f26.25 Dutch guilders (about US\$20.00) and will have the name, address, nationality, photograph, birthdate, ID number and tax-file number of each person. The card is valid until 1st January 1995, when the new European ID card will be introduced.

The card will be needed for virtually everything—from applying for a job or unemployment benefits, going to the football, to travelling on public transport. Dutch police will be able to detain a person in custody for 12 hours for failing to produce their ID card.

(Source: *Ministry for Justice, The Hague, The Netherlands*, quoted in *Exposure*, vol. 1, no. 9, 1 May 1994)

YOUR NEW 'SMART' ID CARDS

Get ready for the new 'smart' cash cards. Is it a coincidence they are being released in Europe, the USA, Australia and New Zealand under different guises, but at almost the same time?

In Australia—it is called the FirstCard. Ours is a little more advanced than many being launched overseas in that it has no magnetic strip. In fact, it is the world's first radio-powered, intelligent credit card using a small microcomputer chip and radio aerial embedded in the plastic.

Normally, magnetic-strip cards have to be inserted into a card-reader, but these new smart-cards can exchange information just by

passing the card, or a wallet with the card inside, in front of an electronic reader. They are due to appear early next year. (Source: *The Sydney Morning Herald*, 11 June 1994)

In New Zealand—a new smart-card will be offered later this year; its data is also held in a computer chip rather than a magnetic strip.

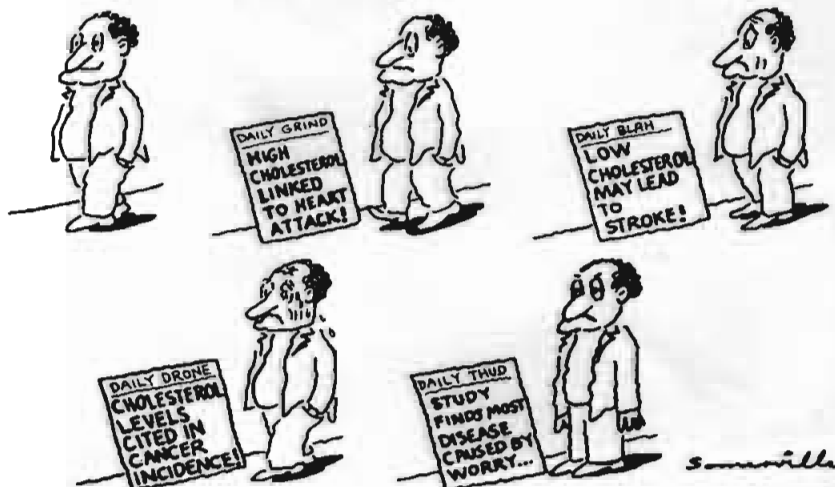
This rechargeable smart-card is also an extension of the phone-card, which has a pre-paid amount of credit for use in participating outlets. (Source: *Consumer [NZ]*, June 1994)

In Europe—you will receive a smart-card which will deduct your what you spend, and add what you have earned to your running total, using an equivalent of the EFTPOS system in Europe. (Source: *The European*, 10-16 June 1994)

In the UK—British motorists will soon be issued with credit-card-sized photo-ID driver's licences. The new licence, which was unveiled in Brussels in April, will eventually carry a magnetic strip containing confidential information about the driver, and is expected to become the standard licence throughout Europe.

Roads minister Robert Key indicated that the magnetic strip would be eventually replaced by a computer chip, thus making it a true smart-card. (Source: *The Sunday Times [UK]*, 27 March 1994)

In the USA—Sources within the US Postal Service recently revealed that they're all set to deliver your very own personalised super-smart ID card. Without the card you won't be able to own property, receive government benefits, get medical



attention, conduct bank or credit card transactions—you name it, you can't do it. It is reported that the cards are being issued via Executive Order, which of course bypasses Congressional approval.

This new super-smart-card is called a Tessera card; the prototype was developed by the Defense Department in conjunction with the Postal Service, the IRS, the Treasury Department, and others no doubt.

The word *tessera* is Latin, meaning "a piece of mosaic". It is the name given by ancient Roman conquerors to identity chits they issued to conquered peoples and slaves.

This card is intended to be the magic key that opens your files in every government agency and database in the country.

(Source: *The Spotlight*, 13 June 1994)

THE RICH ARE GETTING RICHER

The richest 10 per cent of the population are almost twice as well off as they were in the late 1960s, while living standards of the poorest 20 per cent are worse than at the beginning of the 1980s, according to two reports released during June.

Meanwhile, Australia's 200 richest citizens also increased their wealth by a third last year, with Kerry Packer quoted in *The Australian* newspaper as amassing "a personal fortune of AUD\$5.5 billion". The list, compiled by *Business Review Weekly*, revealed a \$2.5 billion lift in Mr Packer's personal wealth, placing him beside the Murdoch family.

(Source: *Weekly Telegraph*, 8-14 June; *The Australian*, 20 May 1994)

DID YOU KNOW...?

Australian and British politicians are not alone in feathering their own nests while the rest of us pay for their privileges.

While the rest of America was going through a recession, Congress was giving itself even more luxurious offices by spending:

- US\$375,000 to renovate the House beauty parlour;
- \$25,000 to study the best location for the House gym;
- \$2 million to renovate one the House restaurants;
- \$2.5 million for new Senate office furniture;
- \$8 million for new Senate elevators;
- \$250,000 to study the best placement of TV lighting in the Senate Committee room;
- \$25,000 for marble elevator floors to go with their marble offices and fireplaces.

(Source: *Mouse Monitor*, April 1994)

BRAINWAVE CONTROL OF COMPUTERS IS HERE!

A US company has announced a brainwave-to-computer interface system it claims can be used for rudimentary computer control.

The device is called *Brainlink* and is the brainchild of Colorado Springs-based Advanced Neurotechnologies, Inc. (ANI).

Brainlink utilises a series of sensors attached to a headband worn by the user, similar to an electroencephalogram (EEG). The system harnesses the brain's ability to produce waves ranging in frequency from 0.5 Hz to 40 Hz. These signals are amplified and converted to digital form.

(Source: *The Weekend Australian*, February 26-27, 1994; *MacNews*, May 1994)

RUSSIA'S MISSING MUNITIONS MYSTERY

Russian forces leaving eastern Germany have "lost" 81,000 tonnes of ammunition, according to inventories compiled by the German Army.

The discrepancy was noticed as the Russians were winding up their withdrawal, due to be completed in August. The missing bullets, grenades and artillery rounds would have filled 4,000 railway wagons, and are still at large.

(Source: *The Sunday Times*, 27 March '94)

CODE-WORDS FORBIDDEN OVER PHONES IN HOLLAND

In the Netherlands, the use of secret codes or words during a conversation is now illegal.

Phone subscribers who get caught using codes will lose their phone connection for a minimum of three days, plus face a possible four-month prison sentence.

(Source: *De Volkskrant*, 26 March 1994)

S/E ASIAN MILITARY BUILD-UP

Russia has made a big sale at the top end of the world arms market by selling 18 high-performance MiG-29 fighters to Malaysia for US\$450 million.

Indonesia, which has already purchased most of East Germany's fleet of landing barges and 39 of its warships, is about to buy four diesel-electric submarines from the Netherlands.

(Source: *The Sydney Morning Herald*, 11 June 1994; *Guardian Weekly*, 19 June 1994)

PHARMACEUTICAL DRUG DEATHS

For more than 20 years, the British pharmaceutical company Burroughs-Wellcome (the Wellcome Foundation) and the Swiss giant, Hoffman La Roche, have marketed what have come to be accepted as the most commercially successful drugs ever sold.

The two drugs are known by the trade names Bactrim and Septrin. Annual world sales are estimated at US\$5 billion. These drugs contain a sulphur-based element that research has shown to be absolutely unnecessary for their effectiveness, while causing many serious, often fatal side-effects.

The UK Committee on Safety of Medicines is convinced that the sulphur-based ingredient has caused over 1,000 deaths in the UK alone, which represents only 10 per cent of global consumption of the drug.

"I think it is one of the biggest scandals of all time," said Professor Richard Lacey of Leeds University. "In all of the hospitals where I've been a consultant, we have banned it."

Meanwhile, the drugs have been passed as 'safe' by the FDA.

(Source: *Dr John Coleman's World In Review*, vol. 2, no. 6, June 1994)



SIGNS OF A CANADIAN POLICE STATE?

When Canadian authorities learned that major US newspapers, including *The Buffalo News*, *The Detroit News*, and *The Detroit Free Press* had a story in their Sunday 28 November 1993 issue that had been banned in Canada, they took swift action.

Sunday morning brought a concentration of Canadian forces to man the bridges from the US. Every newspaper truck was stopped, and every bundle of newspapers was checked.

Canadian tourists then started going across the bridges to get copies of the US papers to find out what was going on. Canadian police stopped and searched returning Canadians for these newspapers, and at the Niagara Falls bridge crossing alone, 61 people were arrested for having copies of *The Buffalo News*.

Blacking out TV signals from the US and banning newspapers with offending stories served only to infuriate the citizens further.

(Source: *Mouse Monitor*, April 1994)

MIND-MANIPULATION AT A DISTANCE?

Californian neurologists have reportedly found a way to focus ultrasonic waves so precisely that they can direct a beam of the vibrations into a living brain and halt the activity of clusters of neurons.

Ronald Young, chief neurosurgeon at University of California (Irvine), said the stunned brain cells essentially regain their composure and return to normal function. Or, more powerful energies could be applied to wreck the neurons permanently.

(Source: *Vancouver Sun*, 25 January 1992)

OPIUM IN CIGARETTE PAPERS?

"A doctor friend of mine who has done a lot of research on smoking, told me in 1991 that he was once invited to visit a cigarette-paper-making factory in the course of his research work. Before being shown around the plant, he had to don head-to-toe coveralls made of a paperlike substance.

He was shown various stages of manufacture including a sealed room which his guide said was a paper-impregnation plant. My doctor friend was informed that in this building, paper was impregnated with a substance to ensure slow, even burning without the taste of burning paper.

When he got home, he kept the coveralls as a souvenir and later had the fine dust on them analysed. Lo and behold, when the lab result came back, it said that the dust contained traces of opium!"

(Source: *Dr John Coleman's World In Review*, April 1994)

FDA RAIDS MIND/RELAXATION MACHINES COMPANY

Vitamins and herbs are not the only targets of the US Food and Drug Administration. Synetic Systems, raided on 14th June, is a leading manufacturer of 'sound and light' machines in the USA.

Daryl Thompson, an FDA compliance officer, said the relaxation devices were seized because their sale violates the Federal Food, Drug and Cosmetic Act.

He said it is against the law to market devices "that affect the structure or function of man" unless they have been scientifically tested to show they are safe and effective. Synetic Systems has not submitted its machines for testing, he said.

But Michael Cosgrove, production manager for the Seattle company, said the FDA

is trying to classify the company's products as medical devices, and gain control over the industry. He also said that Synetic Systems has made no medical claims.

Cosgrove said that getting FDA approval would make the machines too expensive to produce, and complained that while Synetic Systems was being shut down, competitors were still open for business.

Thompson said he could not comment on other actions by the FDA, but added: "We're looking at these kinds of devices here and in other parts of the country."

(Source: *The Seattle Times*, 15 June 1994)

HIGH-TECH 'ROBOT COP' TO JOIN JAPAN'S POLICE FORCE

Japan's ever-efficient police force, in its drive to solve personnel shortages and the ageing of the force, has developed the concept of a 'robot' police box.

The talking 'robot cop' is also intended to help bring the country's network of neighbourhood police boxes, known as the *koban* system, into the high-tech age.

The robot is being designed to handle a wide range of duties, from reporting theft and traffic accidents to providing counselling and street directions.

Other skills in its range of 30 functions will include the ability to sense when a visitor is in danger, and to provide protection.

The robot will be equipped with a built-in sensor to gauge a visitor's level of agitation through readings of temperature, respiration and movement. The sensor then triggers a mechanism to shut and lock the door of the *koban*.

A visitor to the box will most likely be met with the question: "Can I help you?" If the robot is unable to address the visitor's problem, it will transfer the matter to the nearest police headquarters.

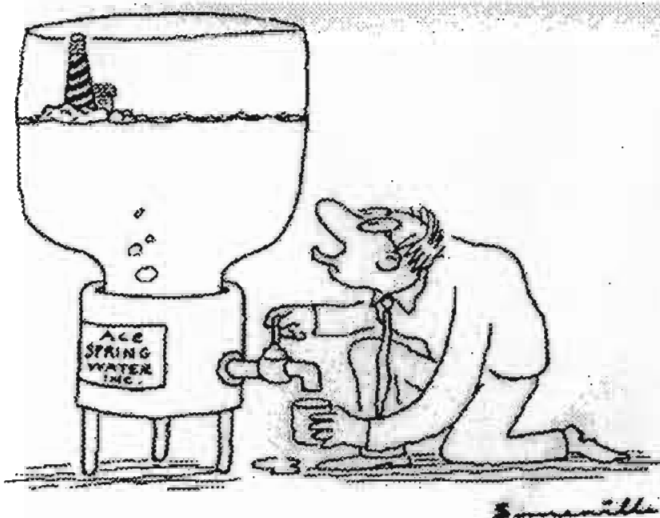
(Source: *The Australian*, 16 June 1994)

VACCINATION DISCRIMINATION

Queensland's Anti-Discrimination Commission is investigating a couple's complaint against Maroochy Shire Council over its refusal to allow their two non-immunised children entry to the local council-funded childcare centres.

Greg and Jacqui Beattie, who have set up a Vaccination Information Network, have carefully researched the medical literature and decided against vaccination due to its link with many serious illnesses. Why should vaccinated children be at risk if immunisation is totally effective?

(Source: *Sunshine Coast Sunday*, 29 May 1994; *The Australian*, 31 May '94)



REVOLUTION USA?

The underground news networks are busy passing around a flyer from the Unorganized Militia of the US (reproduced below). It would seem a lot of Americans are going to be participating in what is tantamount to a pre-announced revolution!

The Declaration of Independence of 1994 is being distributed nationwide for signature, including airdrops over cities. It will be delivered by the Militia in September, 1994 to the Whitehouse.

The attached Ultimatum was sent by certified mail to every member of the US House and Senate by April 21, 1994.

ALL MILITIA UNITS WILL CONVENE at 8:00 a.m., Monday, September 19, 1994, in Washington, D.C., armed and in uniform, to deliver the Declaration of Independence to the Whitehouse and to enforce the ultimatum. The militia will arrest Congressmen who have failed to uphold their oaths of office, who then will be tried for Treason by Citizens' Courts.

POLICE AND MILITARY: We have support from many state, city and county police agencies and US military. This is the country and the Constitution, that all of us have sworn to uphold and defend against all enemies, and the enemies are corrupt leaders who have duped our police into being cannon fodder—to disarm America—while these same corrupt leaders have reduced our Army's strength from 18 divisions to 11, and sent them out of the country, to weaken our numbers.

WHY THESE EXTREME MEASURES ARE NECESSARY:

1. The Federal Reserve is not federal, it is a private corporation of bankers. These bankers 'volunteered' to finance the United States government when it became bankrupt during World War I. Special legislation was then passed to allow these bankers to print paper money (only the Treasury is legally authorized to coin money), which would be called a 'loan' to the US government. In turn, the US government agreed to repay this loan by taxing American citizens. Only a fraction of the interest is being paid on the loan, and none of the principal. These same bankers set the national interest rate and control the economy. Our national debt is the amount owed to these bankers. Our tax dollars line their pockets. The country is, literally, bankrupt.

2. The Federal Government, under the Constitution, never had the legal authority to pass a national tax on income, and the 16th Amendment (the law that enacted the income tax) was never ratified, as required by law. The Federal Government has no authority over States and never had the legal jurisdiction to pass laws making any crimes 'federal' or subjecting people to a national federal criminal law system. Yet, a combination of illegally passed laws has allowed the federal government to create national federal law enforcement agencies that terrorize the American public, seize property, and even kill, to keep their illegal power.

3. House-to-house searches and seizures are being conducted without warrants across the land. Troop movement markers (bright coloured reflective stickers on the backs of road signs) and U.N. troops are already in place in this country, prepared to engage in 'peace keeping' against us. Surveillance cameras are in place atop tall light posts along highways (look for antennas sticking from black boxes on the extremely tall light posts), cars are equipped with bar codes and tracking devices, a national 'i.d. card' and cashless society are imminent, so we may all be tracked in our every movement, no penny left unaccounted. Detention camps are already built, nationwide, to house 'dissidents', who oppose these plans. The country has already been divided into ten regions for ten regional governments under martial law. Our national media has become nothing but the official mouthpiece of the government, putting forth false 'polls' and outright propaganda to sway the public opinion, while not reporting countless and outrageous abuses of the public by federal agents. In August, 1992, an FBI sniper blew off the side of Vickie Weaver's head as she held a 10-month-old baby in her arms, 96 people were shot and burned to death in Waco, 25 of them children, 17 of them under the age of 5, by FBI

and military. We don't need any more proof.

4. Congress has been wholly unresponsive to demands by the American people to revoke these illegal laws and leave the states to their own government. Instead, Congress has passed unconstitutional laws that it has no authority to pass, but which make it a federal crime to own weapons, and laws that put federal law enforcement and military in our streets and houses.

Find the local militia in your area. If there is not one, start one. Be in Washington, D.C. in September. Your liberty, your children's future, and this nation's freedom depend upon it.

For additional information: American Justice Federation, 3850 S. Emerson Ave., Suite E., Indianapolis, IN 46203. Telephone: 317-780-5200.

Leave a message if you can volunteer to print these documents, fly planes to airdrop literature, or help in any way.

Proceed as planned, plan accordingly, and God bless us all.

Linda Thompson,
Acting Adjutant General, UMUS.
Pursuant to 10 U.S.C. § 311 and the Constitution of the United States, Articles I and II, Bill of Rights.

NOTE: MILITIA MEMBERS MUST WEAR IDENTIFYING INSIGNIA AND BE ARMED. If you are armed and wear a military insignia identifying you as a member of a military unit, if captured, you must be treated as a Prisoner of War, not as a criminal arrestee, by law.



EARTH CHANGES

The UN's "Disasters around the World" report, issued this year, states that the number of people killed, injured or displaced by disasters over the last 30 years is increasing by 6% per year. Floods caused the most deaths with 26% of the total, but drought affected more people, accounting for 33% of all categories of victims. While the number of earthquakes is remaining fairly constant, volcanic eruptions are increasing. The severity of individual storms is also increasing with 'worst of the century' weather occurring more frequently. Listed below are some of the major Earth events which happened in the first half of 1994 alone.

JANUARY '94

2nd-10th—Australia—Fires ravaged New South Wales. By January 7th, every shire from Coffs Harbour to Tweed Heads on the NSW-Queensland border declared in a state of emergency. Parts of Sydney's bush suburbs, nearby Blue Mountains and Central Coast devastated. Five lives lost, 120 homes destroyed; damage estimated at \$200 million.

6th-7th—Europe—Blizzards, high winds and torrential rain lashed western Europe, killing many people. In Portugal, high winds whipped the Atlantic into waves of up to five metres, closing many ports. Snow fell as far south as Andalusia in Spain and the Algarve in Portugal, while many avalanches closed roads in the Italian Alps and on the Spanish-French border. In south-western France, many towns remained under water. In Germany, several tourist towns on the Moselle were flooded for the third time since early December. Almost continuous rain fell in southern and central England, parts of which were under water for more than 30 days. The Isle of Wight, off the southern coast, was blanketed in snow after one of its worst storms in 50 years.

17th—USA—The Los Angeles area was jolted by a deadly 6.6 earthquake. At least 57 people were killed, 8,000 injured and thousands lost their homes and are presently living in tent cities.

21st—Halmahera, Indonesia—Earthquake, 7.3 on the Richter scale. Seven people killed, and buildings destroyed at Kau.

FEBRUARY '94

1st-6th—Madagascar—Cyclone *Geralda*, packing wind gusts of up to 320 kph, devastated the island-nation, destroying 70 per cent of the rice fields and causing widespread flooding. Called the "cyclone of the century", the storm killed at least 35 people and left over half a million people homeless.

8th—USA—A blizzard dumped close to a foot of snow, followed by sleet and ice, on the north-east. Temperatures as low as 50 below zero recorded in parts of Iowa, Nebraska and the Dakotas.

11th—USA—Worst storm since 1978 hit eastern United States. The north-eastern US came to a halt, shutting down airports, financial markets, railroads and whole cities. Power outages for thousands in southern states lasted up to a week or more in some

places still without power from the previous winter storm.

15th—Vanuatu Islands—Earthquake, 6.0.

—Southern Sumatra, Indonesia—Earthquake, 6.0. At least 190 people killed, more than 2,000 injured and 75,000 homeless. Extensive damage from landslides, mudslides and fires. Six thousand homes, shops and government buildings were damaged or destroyed by landslides.

25th—Virginia, South Africa—A torrential cloudburst caused a disused slime-dam to burst its banks, killing more than 100 people and destroying hundreds of houses.

MARCH '94

2nd-3rd—USA—Another major winter storm, the fifteenth, pounded the north-eastern part of the country, dumping up to two feet of snow, snarling air and commuter traffic, and cutting off New Jersey island towns from the mainland.

4th—Peru—River flooding caused by heavy mountain rains left at least 120,000 people homeless in Lima.

14th—Indonesia—Floods triggered by several days of heavy rain forced at least 1,000 people from their homes. In eastern Indonesia, at least five people were killed, and thousands were forced to flee their homes because of flooding.

20th—USA—A 5.3 earthquake struck Los Angeles, one of the 6,000+ aftershocks from the January quake.

—Thailand—Amidst the longest drought in history, a freak dry-season storm inundated Bangkok, causing widespread flooding.

21st—Russia—An unusually snowy winter caused severe flooding in the southern Russian region of Kalmykia. At least seven people died, and more than 1,300 were evacuated.

26th—Jordan—The heaviest rains to fall on the area in more than seven years caused severe flooding with some loss of life.

—Indonesia—Severe flooding caused by heavy rains inundated hundreds of villages in Java. At least 67,000 people living in temporary shelters in East Java faced food shortages caused by the floods.

27th—USA—Killer storms moved through the south-east, spawning deadly tornadoes that left 44 dead and more than 160 injured.

28th-April 2nd—Bangladesh—Rainstorms with hurricane-force winds, and hailstones weighing over two kilograms, lashed southern and north-eastern Bangladesh, killing close to 40 people and damaging crops and vegetation.

APRIL '94

2nd—United Kingdom—Fierce storms with driving rain and gale-force winds left a trail of destruction across Britain.

8th—Japan—Earthquake, measuring 6.4 off the east coast of Honshu, generated local tsunami waves.

15th—USA—Californian authorities declared this the eighth driest year of the century, and said they may have to cut water allocations to Sacramento and San Joaquin farmers by 25 per cent.

16th—Canada—Floods along the Maine-Canadian border killed

two people. More than 1,000 people were left homeless.

19th—Bangladesh—Seasonal storms along the southern coast killed at least 20 people and sank 70 boats.

—Germany—A week of torrential rains flooded 370,000 acres of cropland.

MAY '94

2nd—Bangladesh—A cyclone, clocked at 195 kph, killed 167 people. 350,000 people were moved to safety. Storm-surge waves six metres high hit coastal areas.

—China—Tornadoes and torrential rains. At least 165 people died, 28 having been struck either by lightning or grapefruit-sized hailstones.

5th—Taiwan—Nearly 17 inches of rain fell in central Taiwan over a two-day period, ending a severe drought but damaging 5,000 acres of cropland.

6th—Spain—The Iberian Peninsula and Morocco ended their thirteenth week of dry weather with no rain and extremely high temperatures.

7th—Bangladesh—A tornado killed three people and destroyed 1,000 mud homes in northeastern Bangladesh.

—Thailand—Eighteen inches of rain fell in Bangkok over a six-hour period, the worst such storm in 30 years.

11th—Southern Sumatra, Indonesia—Earthquakes, 6.3, 6.0, 5.8.

19th—Chile—El Llama volcano, 600 km south of Santiago, erupted, blowing ash as far away as the city of Zapala 120 km distant. The volcano had been inactive for 37 years.

23rd-25th—Western Australia—Severe storms, accompanied by 140 kph winds, caused \$15 million damage and blacked out 250,000 homes in and around Perth.

—South Australia—The same storms cut power supplies to many country areas. Winds lifted 20 to 30 million tonnes of topsoil into the air, finally dumping it out into the Tasman Sea.

23rd-27th—The First Special World Conference on Natural Disasters was held in Yokohama, Japan. Mr Peter Hansen, the chief of the UN Dept for Humanitarian Affairs, reported that three million people had died in natural disasters in the last 30 years, and the death rate is rising at six per cent per year.

25th—Taiwan and Japan—A quake measuring 6.8 jolted eastern Taiwan and southern Japan. No casualties.

26th—Irian Jaya—Earthquake, measuring 7.0, hit central Irian Jaya.

JUNE '94

5th—East Java—Quake registering 6.0 struck 225 km off the coast of East Java at 1.15 am, causing tidal waves up to six metres high to sweep away coastal villages.

Death toll was 200.

—North-western Australia—Waves from the East Java quake swept 300 metres inland in the sparse Kimberley region.

8th—Bogotá, Colombia—Earthquake registering 6.0 struck central Colombia, killing two people and leaving hundreds homeless. It triggered a mudslide which killed over 1,000 people and destroyed 16 villages.

11th—Mexico—Mt Popocateptl, near Mexico City, becomes increasingly active. Mexican govt has now prepared evacuation plans for nearby cities Puebla and Amecameca, population two million.

11th-18th—China, southern provinces—Worst floods this century. Twenty million people evacuated and relocated; 720 dead.

—China, northern provinces—Worst drought of the century declared by govt.

14th—Australia—Coldest temperature ever recorded, minus 23°C, at Charlotte Pass in the NSW Snowy Mountains.

18th—New Zealand, South Island—Earthquake, measuring 6.3, left one person dead and collapsed some bridges.

29th—South Africa—Worst storms this century. Cape Town sewerage system flooded and on the verge of collapse.

(Sources: *The Earth Changes Report, February to June 1994 editions; New Scientist, 28 May 1994; The Australian, Sunshine Coast Daily, misc. news items.*)

Letters to the Editor

Continued from page 5

pies. I've been taking SEO [stabilised electrolytes of oxygen] drops for ages, as well as educating myself on proper nutrition. (God knows, we are all poisoning ourselves with what we ingest.)

I'm not especially sick, just not very well; doing menopause and experiencing arthritic pain in wrists, ankles, etc. I had a huge backlog of neglect to unravel, and it seemed so damned slow. I was feeling fed up and almost despairing when I found a practitioner who gives ozone injections.

Duncan, it's fast and fantastic. I can feel my body waking up, my mind waking up, my spirit waking up! I'm so excited by what's happening, I want to shout it from the mountain top.

As we know, there is always some belief system behind, and an emotional link to all physical ills (see Louise Hay, et al.). So, it seems, as we ozonate the body and begin to heal the malfunctioning physical system, this emotional 'stuff' and those beliefs that no longer serve us, show up for healing also. I am assured by my practitioner that the quickest healing is accomplished by those willing to deal with their ill-

ness on that level as well. And of course, proper and sometimes remedial nutrition is a must!

I was excited by the literature—thanks for your kit on Oxygen Therapies—but experiencing it like this is something else again. I truly feel I'm being freed from a bondage I didn't even know about—if that makes any sense to you.

I've still some distance to travel with this, but the journey is now an exciting adventure.

In gratitude and joy,
H.D., Sydney, NSW.

Re: Confronting Issues

Dear Duncan: Please find enclosed my subscription towards NEXUS. The mind-blowing articles which always appear in NEXUS have won me over, because of enthusiasm in confronting mainstream issues which most commercialised types of media dare not, or do not know how to comment on—some of the most important issues of today.

I know of some banking officials who were frothing at the mouth when they were confronted with issues nos. 2/11, 15 and 17, all regarding the banking industry. But, don't they normally froth at the mouth anyway?

I wish to also take this opportunity to congratulate your move on setting up office in the US. I can almost see the annoyance in some of the darker elements of the CIA, FBI, FDA, and of course the MIA.

My family and friends, both here and abroad, wish your staff and you all the best.

Yours sincerely,

N. T., Springvale South, Victoria.

(Dear N.T.: Loved your letter, but I have one question: who are the MIA? Ed.)

Re: Creation vs Evolution

Dear Editor: I was reading your June-July 1994 issue and noted a letter by Geoff B., of Yandina in Queensland, who seeks information on creationist issues and, in particular, the speed of light.

For anyone who seeks to know the real truth behind the great evolution/creation debate, may I suggest the fantastic publications from Creation Science Foundation Ltd; contact address, PO Box 6302, Acacia Ridge DC, Qld 4110 Australia.

Such publications cover a wide range of topics from in-depth scientific evidence of creation from fields of geology, biology, astrono-

my and physics. They also produce less scientific material which refutes evolution and clearly demonstrates the Darwinian lie. Most material is written by leading, highly respected scientists in their fields.

For Geoff B., I recall reading an article in their quarterly magazine which was specifically about the speed of light. They may have a back issue.

May I suggest to all your readers to discover the wealth of knowledge from CSF.

Yours sincerely,

Peter M., Collaroy Plateau, NSW.

Re: UFOs and Earth Lights

Dear Sir: I have been studying two areas of the UFO problem: reproducing Trevor Constable's pioneering work with infrared photography, and the study of Earth lights which I have filmed in the desert.

If anyone is interested in infrared photography or knows of any Earth lights areas in Australia, I would love to hear from them.

Keep up the good work, NEXUS.

M. Williams

19 Edenholme Street

West Pymble, NSW 2073. ∞

— SEEDS —

Survival or Servitude?

*Have the
multinational
seed
monopolies
already sown
our future?*

*Stay alert
and support
your local
seed bank.*

by Ken Corbitt

THE GLOBAL SEEDS CONSPIRACY

Total control of the world's seeds—and ultimately the survival of mankind itself—is now in the hands of an elite cartel of multinational corporations. Complicitous governments worldwide are enacting Plant Breeders' Rights legislation to enforce the seed monopolies, with six-month jail terms and fines of \$250,000 for breaching patents or not paying royalties.

Global biodiversity is under grave threat as genetically-engineered seeds—tolerant to herbicides, 'designer-gened' and primed for profits—replace heritage seeds.

'Seed-saver' networks and conservationists in many nations are fighting a grassroots action to protect natural and regional plant varieties from extinction and to alert the world to the threat of control of the world's food supply, genetic manipulation, and laws that will allow the process patenting of all plants, animals, fungi, genes and viruses.

The world seeds market will be worth US\$28 billion by the year 2000, yet only a handful of major players—mainly petro-agri-chemical multinationals—will reap the rewards.

Less than 20 major corporations now control global seed supplies; many are seeking patents on any newly-developed hybrids or those produced by transgenics (genetic engineering, or GE).

Multinationals have acquired 1,000 seed and plant-breeding companies since 1970; in the 1980s alone they invested a staggering US\$10 billion on company acquisitions.

The world's largest seed company, Pioneer Hi-Bred International, holds 40 per cent of the US market in hybrid corn seed, around 50 per cent of the markets of Spain, Austria and Italy, and 90 per cent in Hungary and Egypt. Pioneer Hi-Bred also leads the seed market in Brazil, Thailand, the Ukraine and a large number of developing countries.

Imperial Chemical Industries (ICI) is the largest chemical conglomerate in the United Kingdom, and is now one of the world's biggest seed-suppliers. ICI became one of the major players on the US market in just five years: with the assistance of fellow UK giant British Petroleum, ICI swallowed up 11 of the largest seed companies from 1985-1990.

W. R. Grace, DeKalb Shand, Monsanto and Cargill control the majority of other seed and plant-breeding companies in the Americas.

French seeds giant Groupe Limagrain competes for European seed domination with ICI, Ciba-Geigy, Shell, Rhône-Poulenc, Bayer, Pfizer (linked with deKalb), Hoechst and Pioneer Hi-Bred International.

In Australasia and Oceania, ICI (Pacific Seeds) does battle with Pioneer Hi-Bred, DeKalb Shand, Cargill, AgSeed (a Limagrain company), Yates, New World Seeds and Seedco.

Asia and Africa are also in the hands of the major US and European multinationals.

Intense lobbying by the seeds cartel at the Uruguay Round of negotiations of the UN General Agreement on Tariffs and Trade (GATT) paid off: countries under the International Convention for the Protection of New Varieties (UPOV) are enacting Plant Breeders' Rights (PBR) bills and launching them on unsuspecting communities around the world.

Academics and civil libertarians have condemned the bills and the awarding of process patent rights that offer the multinationals absolute control over not only initial seed varieties but any derived plants, plus all transgenic and hybrid varieties they can produce.

The patent laws will demand royalties from growers, while the seed companies have the ultimate power over mankind: control over what we eat, when we eat—or if we eat at all.

Even more frightening is the awesome capability that transgenics gives to these corpo-

rate-state alliances: seeds are being genetically engineered to be resistant to chemicals, rotting, bacteria, and to drought, fire or flood.

Australian ecoscientist Richard Hindmarsh believes biotechnology and plant breeders' rights in the hands of a corrupt corporate-state monopoly is the recipe for a 'Brave New World' of genetic manipulation, and corporate enclosure of the DNA commons.

He says that the so-called 'Green Revolution' of the late 1960s/70s was a ploy not only to make the Third World reliant on agrichemicals and hybridised seed, but to 'steal' as many plant varieties as possible for their patented seed banks.

And the new power-push for breeders' rights and seeds control is just another item on the agenda to world domination. The facts bear this out: the Rockefeller Foundation, often linked to the New World Order, provided US\$90 million to fund research into molecular biology, the basis of genetic engineering from the 1930s to 1959. It helps fund the Philippines-based International Rice Research Institute (IRRI), which is still suffering its Green Revolution failures—as are the farmers. The same Rockefeller Foundation also collected the seeds of 95 per cent of the Earth's major cereal crops—wheat, barley and corn—in the years leading up to the GATT treaty and Plant Breeders' Rights bills.

So while the world's seeds are stored in frozen gene banks, the natural varieties in the Third World countries can be slowly 'phased out', leaving the farmers reliant on expensive, hybridised seed that can't re-grow viable seeds, requires large amounts of chemicals and ultimately sends the small farmers broke.

As Richard Hindmarsh sees it: "It's just another tool of DNA Incorporated."

BIODIVERSITY UNDER THREAT

UN Food and Agriculture Organisation statistics estimate that 75 per cent of genetic diversity in agricultural crops has been lost this century; the remaining quarter is now in great jeopardy.

The British experience provides clear evidence of the effect of plant variety rights and creation of seeds monopolies; the future does not augur well for the world's shrinking biodiversity.

In England, at least 1,500 vegetable varieties disappeared from the market within a few years of the National List being established. Already, farmers are before the courts for defying patent rights by growing or re-planting seeds not on the National List of approved species.

The high cost of testing procedures and annual registrations means individuals cannot afford to register seed varieties: only the multinationals can, and they are simply not interested in retaining plant species they do not have rights to, or cannot control through hybridisation or transgenics.

Developing countries will be hit hardest by the seeds monopolies: with few seed banks and a dearth of government support, they are at the mercy of the seeds cartels.

The tropical and sub-tropical areas of the world are the cradle of plant biodiversity; most major food crops originated from these regions. In these areas of high biodiversity, plant breeders find the necessary genes to develop stronger, healthier varieties of staple foods.

Hybridised, high-yield crops have been forced on the developing countries by the big corporations to the detriment of hardier

local plant types. This has already led to disastrous consequences: in Turkey, a seed monopoly by a German company led to the destruction of the sugar crop as local varieties were wiped out by an introduced hybrid unsuited to the conditions; and Indian rice crops were decimated when the cartels sold farmers hybridised short-stem rice that grew poorly, poisoned the irrigation channels and the fish that bred in them, proved useless for thatching and indigenous craft, and could not be re-grown from seed.

A million Indian farmers last year took to the streets to object to the awarding of a US patent for the active genes of the neem tree, used for centuries as a freely-available herbal remedy.

Indeed, farmers in many countries across Europe as well as in Japan, South Korea and the USA, staged mass protests against the provisions of the GATT treaty, and protests are also being made over the plant-breeders' rights issue.

While some conservation and seed-savers' groups started to take up the fight against the multinationals in developed countries from the mid-1970s, it is only recently that they've added renewed vigour to their campaigns—if already not too late...

AUSTRALIA—A GENETIC ENGINEERING HOTBED

Australia, as one of the world's major primary producers, has been at the forefront in the development of genetically-engineered seeds.

Last year the government funded biotechnology to the tune of A\$120 million—A\$30 million of which went to the Commonwealth Scientific and Industrial Research Organisation (CSIRO) which has been concentrating on seed genetics and transgenics for at least 20 years.

In Australia as well as overseas, scientists are still debating the safety of releasing genetically-engineered organisms (GEOs): bioscientists in the main claim they are safe; ecologists and ecoscientists claim they are a greater risk than the exotic species, such as cane toads, etc., that have already caused so

much ecological damage in Australia.

Australia was the first country to approve for the market-place a GEO—a recombinant DNA biopesticide called NoGall, to control crown gall disease. The UK has just approved a rapeseed oil tolerant to chemical giant Hoechst's herbicide Basta, and Europe has approved Rhône-Poulenc's bromoxynil-resistant tobacco.

In March 1994, Qld conservation groups discovered that a small-scale field test of a genetically-engineered microbe was being conducted by the Department of Primary Industries in far north Queensland. The microbe was modified by gene-splicing and is designed to prevent attacks of bacterial wilt on the roots of potato, tomato and tobacco plants. While conservationists protested against the dangers of such a bacterial release, Australia's Genetic Manipulation Advisory Committee said the bug presented no risk to the environment or public health.

Recently, the CSIRO Division of Plant Industry entered into a joint venture with Groupe Limagrain to produce transgenic plants to yield hybrid seed resistant to disease and viruses, for the lucrative Chinese market. Last year, multinational food consortium Coca-Cola-Amatil funded CSIRO field trials into virus-resistant, transgenic potato plants.

Scientists estimate that the global market for transgenic biopesticides could exceed US\$8 billion a year; developing plants to tolerate herbicides could be worth US\$6 billion; and the entire mar-

Multinationals have acquired 1,000 seed and plant-breeding companies since 1970; in the 1980s alone they invested a staggering US\$10 billion on company acquisitions.

ket for genetically-engineered plant varieties could top US\$14 billion.

Using gold-and-tungsten-tipped micro-bullets just 1,000th of a millimetre across and coated with DNA, CSIRO scientists are able to shoot 'designer' genes into wheat seeds. The bullets also contain a marker gene for herbicide resistance: the CSIRO claims it is solely a 'success indicator' for field trials—the wheat is sprayed with herbicide and only the transgenic plants will survive.

This is a major breakthrough as it is the first successful gene-splicing of a cereal crop: until now, wheat had required laborious cross-breeding to breed out the many undesirable genes that result from hybridisation. A Queensland University team, led by Professor Ken Scott, developed the micro-pellet gun technique with the assistance of multinational giant DuPont which designed the method.

Another process, developed with Chinese microbiologist Dr Ding Gang He, involves passing an electric current through the seed to open the pores of the wheat protoplasm enough to allow foreign DNA cells to enter.

The techniques are set to revolutionise world agriculture by allowing the creation of tailor-made food crops.

CSIRO researchers have already spliced a tobacco plant gene into sheep. This causes its sweat glands to secrete chitinase, an enzyme that kills blowfly larvae by dissolving the chitin that protects an insect's endoskeleton.

One of the most scandalous incidents involving transgenics occurred in Australia from 1988-90. Drs Bob Seamark and Julian Wells from an Adelaide University team attempted to develop transgenic pigs by splicing in an extra growth hormone gene that would lift the animal's food-conversion efficiency by 30 per cent: the pigs grew faster, yielded fat-free pork, and were able to reach market weight seven weeks earlier than usual.

Metro Meats, the university's commercial partner in the scheme, later sold the transgenic pigs to an abattoir from where the meat was then distributed and sold through Adelaide butcher shops. Consumers were not informed and it took two years for the truth to emerge.

The outcry from anti-genetic engineering and animal rights activists led to a public inquiry which found that the original transgenes had failed to function, so the pigs bred from those originally genetically manipulated were, in fact, not transgenic. This was merely coincidental.

Australia's two largest breweries—Tooheys, and Carlton & United—have funded the development of transgenic yeasts that can offer low-calorie beer. These yeasts are expected to be in use by the year 2000. Meanwhile, rennin made with transgenic bacteria is already being used in cheese production.

Multinational chemical giant Unilever has conducted trial plantings of a transgenic tomato developed in the United Kingdom by Zeneca Seeds, and is now conducting similar trials in Australia through its subsidiary, Unifoods Ltd. Unilever wants to develop long-shelf-life, out-of-season, anti-rot tomatoes for the lucrative North American and Asian markets.

Just last May, biotechnology company Calgene also launched its anti-rot "Flav'r Sav'r" transgenic tomato onto the Californian and Chicago markets—and has plans to make it available in Australia before too long. The tomato is claimed to stay fresh on the plant

and last up to two weeks after picking. After five years of scrutiny, the US Food and Drug Administration (FDA) recently approved the tomato, announcing it "as safe as tomatoes bred by conventional means".

The Australian push for genetic engineering came from the country's desire to be at the forefront of high-tech or 'sunrise' industries. It established one of the world's first Genetic Manipulation Advisory Committees in 1975, made up of scientists and academics from the CSIRO, the Australian Academy of Science and leading universities.

Intense lobbying from biotechnologists led to the Australian government creating the National Biotechnology Program Research Grants Scheme. Last year, the government handed over A\$100 million for research into genetic engineering.

Half of the CSIRO's divisions now include work on genetic engineering. More than 120 projects costing A\$30 million and employing 200 scientists were carried out in 1988 alone; more than 70 per cent of projects involved agricultural transgenics.

This contrasts markedly with the paltry A\$200,000 spent in Australia last year on research into organic or chemical-free agriculture.

PATENT IT—AND RULE THE WORLD

The same Rockefeller Foundation also collected the seeds of 95 per cent of the Earth's major cereal crops—wheat, barley and corn—in the years leading up to the GATT treaty and Plant Breeders' Rights bills.

The international cotton industry is still reeling from the US government's decision in 1992 to award process patent rights for all transgenic cotton to American biotechnology company Agracetus, on behalf of chemical and nuclear multinational W. R. Grace. Europe also has just granted the patent.

Patents are pending in the major cotton-producing nations of India, Brazil and China. The all-encompassing patents will give Agracetus-Grace a world monopoly on any new varieties of cotton regardless of the GE technique used in its development. All major cotton-producing countries will be forced to pay big royalties to use the

new cotton seeds; growers will be lured to return to high-velocity and aerial spraying so they can maximise returns on their herbicide-resistant crops.

Another US seed company, Delta & Pine Land, has commissioned Calgene to develop a transgenic cotton that will be resistant to the market-dominant broad-spectrum herbicide, Roundup, produced by Monsanto.

In March 1994, Agracetus-Grace was also granted a process patent in Europe, and has applied for one in the US as well, for all transgenic varieties of soyabean—the first attempt to gain total control over a staple food crop. The soyabean industry is worth US\$27 billion annually worldwide; the US dominates half the market, with Europe a minor supplier. If approved, the patenting of soyabeans will open the door to breeding rights for all major foods—rice, maize, beans and peanuts.

Agracetus used its own version of the DuPont micro-pellet gun technique to genetically engineer soyabean seeds. In 1992 when awarded patent rights on all transgenic cotton, Agracetus had used the standard GE techniques of using the bacterium *Agrobacterium tumefaciens* to ferry the foreign genes into the plant.

The breadth of the patent rights on cotton and soyabean extends to all genetically-engineered variants, regardless of the technique employed. Both patents are under attack from agricultural and

conservation groups, liberals and intellectuals, for their far-reaching economic and ecological implications.

Canadian/US lobby group Rural Advancement Foundation International has launched a formal challenge to the soyabean patent.

Although US Congress is yet to ratify the 1991 UPOV Convention, bills are pending to amend the plant variety protection laws to bring them into line with other UPOV countries. Yet, corporations large and small have been able to take advantage of the sweeping powers already available under US patent laws.

Earlier plant variety acts offered some protection to farmers and other seed-users. The new Plant Breeders' Rights bills and strengthened patent rights offer no such protection: the once inalienable right of farmers to save seed is under threat, with the big corporations holding all the aces.

At the time of going to press, the Plant Breeders' Rights Bill was still before the Australian Senate. To voice your concern on PBR, plant patenting and transgenics, contact your local Member of Parliament or any of the groups listed at the end of this article.

FARMERS' RIGHTS IN JEOPARDY

"Elimination of farmers' rights to save and sell limited quantities of seed is a threat to global conservation and enhancement of plant biodiversity," maintains Hope Shand of Rural Advancement Foundation International.

"The revised UPOV Convention opens the door for a future ban on all farm-saved seed. Farmers' rights to save seed has been made optional; this is a time-honoured, inalienable right.

"Although the seed industry claims it would be impossible to enforce such a ban on farm-saved seed, it should be noted that US-based seed corporations have already brought suit against more than 20 soyabean farmers for alleged abuses."

Shand believes the danger is that intellectual property rights (patenting), without reciprocal benefits for developing nations, could set up formidable barriers to accessing the world's genetic resources. She claims there is a far greater understanding of the ramifications of GATT and plant-breeders' rights in Third World countries than in the industrialised world.

"Consider, for example, the non-violent protests of over one million Indian farmers in recent months, who object to the plant intellectual property provisions in the GATT accord. These farmers are angry because they don't want to pay royalties on seeds and other products that they believe were developed using their own genetic resources and knowledge."

According to Shand, the UPOV proposals to extend proprietary protection to harvested materials of patented or protected varieties, also have major implications. All grain grown from protected seeds come under Plant Breeders' Rights; this gives the plant-breeder the power to restrict imports and exports of protected varieties and products if produced without authority. Seed companies could restrict entry into a UPOV-governed country of farm products coming from non-UPOV countries; they could also prevent food aid shipments of protected seeds from going to a Third World country that doesn't recognise plant-breeders' rights.

Genetic engineering expert, ecoscience Richard Hindmarsh of Griffith University in Queensland, goes much further in his condemnation of PBR and the patenting of life-forms:

The agenda is clear: the chemical companies will win all ways—by owning the seed companies and by producing transgenic seeds resistant to their products.

"It is nothing short of bio-piracy by big corporations and governments—the consequences are frightening," said Hindmarsh, who has written a series of authoritative articles on transgenics and the seed monopolies.

"Control of the world's food supplies—in fact, the future of the Earth itself—is to be handed over to the multinationals.

"It's not surprising most of the big players in the seeds monopolies are chemical companies: they wish to genetically manipulate crops to be tolerant to their herbicides."

Monsanto is working with DeKalb to develop a wheat strain tolerant to its herbicide glyphosate (Roundup); Calgene is collaborating with Rhône-Poulenc to find a strain of corn tolerant to its herbicide, bromoxynil.

The agenda is clear: the chemical companies will win all ways—by owning the seed companies and by producing transgenic seeds resistant to their products. Aerial spraying of broad-spectrum herbicides will intensify the use of agricultural chemicals.

Organic and biodynamic farmers already have difficulty obtaining good seeds and making them grow successfully, because most commercial seed is grown with chemical fertilisers and bred for artificial fertiliser absorption.

Hindmarsh said the dangers of integrating the plant-breeding and seeds sectors into the stables of the petrochemical corporations were great.

"Stock of open-pollinated seed will be further eroded with the wide-scale application of transgenic seed. Genetic diver-

sity will diminish as monoculture intensifies and expands.

"Seeds genetically altered to tolerate biopesticides and herbicides threaten also to degrade ecosystems; significantly, the primary research area of the bio-barons is to make crops—and there are 27 already being worked on—tolerant to broad-spectrum herbicides like Roundup and 2,4-D."

Questioned on why Australia was so eagerly jumping on the PBR bandwagon, Richard Hindmarsh had no hesitation: "It's all part of the economic rationalists incorporating Australia into the corporate world economy at the expense of national sovereignty, our ecological and genetic diversity, and the disempowerment of local communities especially rural-based ones."

He was also keen to see people take affirmative action in the face of the onslaught of plant breeders' rights.

"Increased commitment to seed-savers' networks globally and locally is needed, as well as pressure on governments to contain the bio-revolution. Otherwise we are threatened with a genetically-engineered future that will draw its resources increasingly from the corporate-state proprietary-owned gene banks."

Bob Phelps is co-ordinator of the Gen-Ethics Network, a group attached to the Australian Conservation Foundation, and the country's leading opponent of PBR and genetic engineering.

Originally funded for its first three years by rock band Midnight Oil (led by environmental activist Peter Garrett) as a forum for discussion on genetic engineering, funding was taken over by the Australian government in 1991.

"Plant-breeders' rights have overridden our basic right to survival—to feed, clothe and provide shelter for our families," said Phelps.

"The 1994 Bill gives plant variety owners much wider and longer-lasting monopoly control over plants, algae, fungi and their

Continued on page 74

— REMOTE VIEWING — and the Psychic Intelligence Agents

*A new breed
of out-of-body
detectives
could secretly
be scanning
through closed
doors,
somewhere
close to you.*

Extracted from a speech given by
(Retired) Major-General Albert
N. Stubblebine, III at the
International Symposium on
UFO Research in May 1992.

[Downloaded from the InterNet via
Pegasus computer networks.]

[Introduction by Dr Steven Greer, covering (Retired) Major-General Stubblebine's military career as Commanding Officer of the US Army Intelligence and Security Command (INSCOM), his efforts to study unusual human performance for the US Army, his involvement as Chairman of the Board of Directors of Psi-Tech, his association with TREAT* and with Soviet technology transfer, etc.]

So what is remote viewing? [From now abbreviated as RV—ed.] First of all, it is a very systematic, very controlled method of accessing information that is not normally available by any other source. Accessible information that is not accessible by any other source.

It is independent of time, so I can go past, I can go present, I can go future. It is independent of location, so I can go anywhere on this Earth. I can go into any closet, I can go into any mind, I can access that information at any location that I choose.

It is independent of space, therefore I can access that information any place in, on or off the planet if I choose; and it is independent of countermeasures. I believe I'll put a caveat on that last one, because all of the research has not been done at this stage on the countermeasures. There are indications that some countermeasures are possible. We have bumped on indications of countermeasures, but that piece of research has not been done at this stage of the game. So I believe it is independent of most countermeasures, but I am not totally convinced that is independent of all countermeasures.

What is remote viewing *not*, if I can screw my English there? What will RV not do, okay? Well, first of all, it is not a panacea, it is not an end-all to all end-alls. It provides threads, it provides ideas, it provides detailed information, but it should not be used as an absolute panacea.

Information that's gleaned from the RV set needs to be taken and correlated with all other information that you know, in order to make the picture from which you then make decisions and recommendations.

It does not, at this stage of the game, do numbers well, nor does it do words or letters well. For instance, I could not go in and read a report that is in somebody's safe. I might be able to get the essence of that report but I could not read it. I can get sensings of it but I cannot at this stage go in and do the reading, okay?

It is not a tool to be used by the callous or the undisciplined, or those people who have, for want of another word or another thought, let me call it, an evil intent.

It is a tool that is to be used to help, not a tool that is to be used for illicit purposes, so that gives you a little bit of an idea of what it can do and what it can't do.

I frequently get the question, "What is the difference between RV and natural or personal psychic abilities?" I get that question very frequently from people who don't understand what I am talking about, so they say, "Ah! But I know a psychic who does," then they ask, "What is the difference between what you do in an RV sense and what they do in a pure natural, psychic fashion or manner?" There are a couple of differences, and the first one is the training. The training for our viewers is a one-year, six-stage training course.

There is an incredible amount of very carefully monitored, very carefully metred, very carefully controlled processes that are taught to all of our remote-viewers. As Steven Greer indicated, I am the Chairman of the Board of this company called Psi-Tech and we have six remote-viewers, all of whom have been through the one-year training as well as a lot of experience doing RV itself. Each one of those is a very well-trained, very controlled, very highly disciplined individual. They must be willing to follow the instructions, the programming, the methodology that is used.

The second major discipline in all of this is that there is a very carefully-established protocol or methodology through which and by which remote viewers are actually given their task, and do both their RV as well as their reporting.

So there is an incredibly tight protocol established to make sure that the information we are getting out of the data bank—and there is a huge data bank that exists out there—can be accessed.

Anybody can access that data bank! These remote-viewers did not have any special psychic abilities before we selected them for training. They were just like you and me—normal straight people whom we trained to do this process.

The difference between the two is, first of all, the training; second, the controlled mechanisms in which we handle our remote-viewers.

Now, let me walk you through a typical problem to give you some sense of how it occurs. Let's assume an airplane crash—it's a relatively easy task to do. All we do is we take three of our six viewers and we tell those three viewers as much information about the crash as we know, i.e., a) it was an airplane; b) it was Pan Am; c) it was flying over wherever, Colorado, and it was at such and such a time and it disappeared, and no one knows where it went, okay? What happened?

All we do with the other three is we give them a controlled coordinate. The controlled coordinate is not the coordinate of the plane crash site, because we don't know where that is: it is nothing more than a control for the controller of the exercise to measure that all of the remote viewers are on the same sheet of music.

Each of the viewers now goes in and independently does his or her thing. Incidentally, all of our viewers right now are males; however, I have had female viewers. As a matter of fact, women do very, very well as long as we can get them to do the controlled protocol. I will tell you that one whom we tried to train, who was already a natural psychic, did not work well because the natural psychic ability kept overriding the control mechanisms, and therefore we were having trouble making sure that everything stayed within the discipline and within the control box.

All six then go off independently and do their thing, and when they come back they write out their reports and provide each of the six reports to the controller. The controller now takes the six reports and begins to analyse them to see where the similarities and the differences are. From that, the controller decides whether he needs to send that viewer back into session for additional detail.

For instance, in this example, one viewer will get a tail number or an indication of a tail number—I told you numbers are hard, but the tail numbers are relatively large numbers and so sometimes you can get an indication of the tail number; the second one will get you a crash site that is on top of a mountain or a third of the way down the mountain; another one may get you a piece of a coordinate or get you a coordinate; another one will get you that everybody is dead, or most are dead but some are still alive—so you get different essences out of the six remote viewers.

The remote-viewers do not have to be at a single location, and most of ours are not. Many are in the larger Washington metropolitan area, but one of them is in Minnesota and another one is out in Kansas, so they do not need to be co-located when they are doing their work. Each session is about 45 minutes. We find that if you go much beyond 45 minutes, you begin to run into lapses in

the energy field and you begin to slip off with the quality of the information.

After the controller has taken a look at each one of the reports, he then decides what additional work needs to be done. Do you send it back to get additional data or are you satisfied with what you've got? Do you have enough now that you can go out and write a report for the individual or the company that paid you to do the RV to begin with?

So that gives you at least a sense of how one of these projects would work. Let me talk now about some examples.

I mentioned that you can go into the past or you can go into the future. Tomorrow, I believe you get two sessions: one is with Scott Jones who, I understand, is going to talk about *Tunguska*, which was a project that Psi-Tech did—obviously, the event in *Tunguska* happened way in the past.

You will also hear from Dr Laibow. Psi-Tech did a project for her and for TREAT* on the *Phobos 2* probe. That information was quite revealing; however, we have not released any of it at this stage because we are working with the Soviets and trying to get confirmation from the Soviets as to the accuracy of the Psi-Tech RV report.

Incidentally, the *Phobos 2* probe just suddenly disappeared off the Soviet radar screen—it was operating and suddenly it wasn't.

There was a lot of curiosity about what occurred, and there has been a lot of speculation as to what really happened to the craft. If the remote-viewers are correct, it will be quite a revelation when we finally get the confirmation that we think is available out of the Soviet Union.

In any event, those two are projects of the past. Let me now talk about projects that were of the future, that are no longer of the future—but that were at the time they were done.

One project was that a very large corporation here in the United States wanted to know what the power source was going to

be on the lunar station on the Moon when it finally got there, and we said, "That sounds like an interesting project," so we took a look at that.

Now, that project had a couple of components: one was what was going to be the power source; and also there was an indication that they wanted to mine the rock on the moon, the lunar rock, in order to extract both the hydrogen and oxygen. When you combine the two, you get water which you can drink, and you also get energy which you can use for an energy source, but you also get oxygen which you can breathe, so it sounded kind of neat.

However, when we looked at it, that's not what we found. What we found was a small, portable existing nuclear reactor. That sounded neat because it was already here, it existed on this Earth. There was one problem: it wasn't in the United States. As a matter of fact, it was in the Soviet Union, and everybody said, "Oh, my goodness gracious, that can't possibly be." The client in this case said, "I didn't want to hear that answer; besides, I can't get to that reactor anyway because the Soviet is still a closed system."

Well, I don't know whether you have been reading the newspapers lately, but there is or has been in the newspapers a system, a Soviet system called *Topaz*, which the United States has just bought or arranged to buy. I don't think it's gotten here yet, but it was arranged to get it here. It is a small, portable existing nuclear reactor that is suitable for space. And that work was done for this corporation about two-and-a-half years earlier: the work was

"Anybody can access that data bank! These remote-viewers did not have any special psychic abilities before we selected them for training."

done, but it was done for a future event, and in essence at least part of that future event appears to have taken place. The lunar exploration is actually up there and operating and that's the system they have.

The second kind of interesting project dealt with, again, a very large US corporation that had an extensive interest in the price of oil in the Middle East, as well as in the impact of what was going on in the Middle East and in what it would look like when it was all over. In other words, they really were interested in—after the dust settled over in that part of the world—what the situation was going to be, so that this corporation could make up its mind how it wanted to posture itself *vis-à-vis* the then time-frame.

Now, the time-frame was August 1990; that was during *Desert Shield*—not *Desert Storm*, but *Desert Shield*. The project was to look inside Saddam Hussein's head and find out what he was thinking, where he was going and what he was going to do. Now this was ahead of time—I want you to know this was before *Desert Storm*; this was *Desert Shield*, alright? In spite of two assassination attempts he would still be there and he would still be in charge, okay? Well, one

of those assassination attempts has been verified, but I've never seen any intelligence or information or corroboration about the second assassination attempt.

The second piece of that not asked for, but clearly indicated, as picked up by the viewers as they looked at it, was a huge oil-fire, a huge oil conflagration. Well that's kind of interesting because that obviously also occurred.

Now let me get back to the psychics versus the remote viewers. I am not a trained remote-viewer; I am not a natural psychic, okay? However, I am highly visual and I do get lots of interesting images. About two months before the fires actually occurred in the Middle East, before Hussein actually set fire to the oil wells, I had seen an incredibly dramatic image and it was of a huge fire. I could see this incredible set of black smoke and I could see what looked to be vertical sticks, you know; I could see the base of it and I concluded that it was a forest fire. And so I took it out of Kuwait and I moved it somewhere else in the world because there are no trees in Kuwait to have a forest fire with, you know; logic tells you that there are no trees, therefore you cannot have a forest fire, therefore it cannot be Kuwait, boom, alright? Wrong! Wrong! The minutes those pictures came on TV, I knew instantaneously that that's what I had seen and that I had misplaced the trees with oil rigs, okay?

Now, what happened in that case is called overlay, and it is part of the protocol to remove that overlay from remote-viewers so you don't get that misconception or that misdirection.

It is precisely what we do in the controlled process: protocol that extracts the overlay away from the experience of the individuals. See, my experience says if you got stuck you got trees, got trees you got forest fires, if you got forest fires you are not in Kuwait, right? Boom! See the logic? All of that was overlay that I put there myself. Now we don't allow that with our remote-viewers, and we do have a protocol that stops that dead in its tracks and removes that overlay so that we don't get the experiential piece in there—we get access to the database to bring it back and deliver it pure.

That's the system, and that's the primary difference between the pure psychics and what we believe to be the remote-viewers, or our trained remote-viewers.

Let me talk to you about where you might take this kind of tool and do something with it—and again I am not sure I want to be on tape for this. We have looked at Mars, we have looked at UFOs, we've spent some time looking at Mars. Tomorrow I believe that you are going to hear a presentation on the Mars phenomena and, if I am correct, you will be told that there are structures on the surface of Mars.

I will tell you for the record that there are structures underneath the surface of Mars that cannot be seen by the *Voyager* cameras that went by in 1976, which is what you are going to hear tomorrow.

I will also tell you that there are machines on the surface of Mars and there are machines under the surface of Mars that you can look at. You can find out in detail, you can see what they are, where they are, who they are and a lot of detail about them.

Now, you can do that through RV, and I defy any sensor anywhere in this world today that can do that kind of analysis or give you those kinds of leads; it just doesn't exist today.

As far as the UFOs are concerned, they can be accessed, they can be tracked. We

have looked at the propulsion systems for them—that's not a hard job. You can track them back to where they come from, whether they come from a place here on this planet or whether they come from a place on another planet. They are trackable and you can take a look inside as well as outside.

So again, it is a tool that is available to be used for UFO research, and I guess that's the reason I am standing on this platform in spite of my misgivings, and feeling a little bit nervous like a tree on a *Lassie* program.

Last but not least, let me explore the fact that this technology has not been proven in terms of a Mars or a UFO kind of tool. I will tell you, though, because one of the things which I am sure is going through everybody's mind is: what is the statistical success rate, how good are you, how good are your remote-viewers, where do they stand? Are they 50-50?—because I can flip a coin and do that. Are they at 51 versus 49?—because, if they are, that's better than the flip of a coin.

"As far as the UFOs are concerned, they can be accessed, they can be tracked. We have looked at the propulsion systems for them—that's not a hard job."



Einstein in heaven

I will tell you that it's better than a B-plus. Now, for all of you who remember—I had trouble remembering that far back to high school, it was about 200 years ago, but if my recollection is correct, B-plus was about 85 per cent or better. If you do it properly and begin to take the project, get the large overview, take it down like a telescopic lens to the next layer, take it down to the next telescopic lens, cut out into the next layer and keep going down until you are down to the nuts and bolts, that number can go as high as a 95 per cent success rate.

It is a phenomenal tool. We have failures, yeah, we have some, not often, but we do. Occasionally you get noise, you get an override of some sort, and that's why I said I am not sure about all of the countermeasures at this stage of the game, okay?

[He then answered questions from the audience.]

[Questions on further details about Psi-Tech's protocols.]

Okay, let me answer the last one first. The protocol was developed by Ingo Swann who is himself a natural psychic, and he has patented the protocol. That's first and foremost. The second, where we get errors, the errors appear to come out of interference. Now what is interference? Interference appears to be a countermeasure of some sort, so there appear to be some areas we are having trouble accessing. It appears that when you have trouble accessing them, there is a wall that has been built up—I don't know, I guess I'd call it a psychic wall of some sort.

[Question about mental state of the viewers.]

Completely passive. Totally passive, obviously, is a state of mind—the individual state of mind, heavily Theta. For those of you who understand brainwaves, it's a Theta brainwave state of mind that they are in. We've actually measured some of them, and they are very heavy in the Theta brainwave arena. It is totally passive as far as I can tell: there is no active instrument other than the mind that is accessing the information.

[Question on to what extent major governments are using RV.]

Rule one, I will not talk about anything that preceded my retirement, okay? I will not talk about anything that preceded my retirement. That is classified—that's a better way of expressing it. I made an oath; I have no intention of breaking that oath. Now, let's talk about foreign governments because that's a different story.

The Soviets have been doing RV for years. At one time, about six years ago, the second highest part of the Soviet budget was in paranormal research.

We have been in contact with, and as a matter of fact we simultaneously had on the platform at TREAT-IV in Atlanta, the president of Psi-Tech, Ed Dames, and the president of a Soviet civilian enterprise headed by Ivan Sokolov, who does the same thing in the Soviet Union. I think that's a first, okay? What we are trying to do together is to devise a project that will use the capabilities of both organisations, and the one we are focusing on right at the moment is finding and cleaning up the environmental hazards so that we begin to work on some of the incredible environmental problems that exist in the Soviet Union. So we picked the environment—it's benign, it doesn't get this country upset or this government upset, it doesn't get their government upset. It's some-

thing that needs to be done, and so we tried to pick something that is an absolutely benign topic so that everyone can support it forward.

I don't know if that answers all of your questions, but it gives you a little bit of a ramble.

[Question on UFOs.]

We got ten years of data that's stacked up, that we kept in the closet for many of the same reasons that a lot of—well, there are people who are now just barely holding up their hands and saying, yes, I think I believe in one those, at least publicly. There is about ten years of data that we've got stacked up on the UFO phenomenon—that's the good news. The bad news is that it's not all in the kind of order that it needs to be. It needs to be gone through, sorted, analysed. The problem with that, of course, is it costs money, and money doesn't grow everywhere for such projects.

[Question on Mars machinery.]

It's moving; the machinery is moving, so I don't know if it's from a leftover civilisation, if it's got a long-life battery, but it's better than any of the dolls we put out on Christmas, I tell you, okay?

[Question on more of the same.]

Yeah, it's a structure, that's what I say. There are structures on the surface, there are structures underneath, there are machines on top.

[Question on whether viewers need to be in trance.]

All the viewers chosen so far are known quantities. They are all people that I know personally, and that's very important because it goes back to that pitch that I made, or that notion that I made in the beginning, on what RV was not. I cannot afford to have anybody that does not have

absolute total integrity, and absolute total integrity that I can totally trust; so I demand total integrity, a totally integrative person, because I don't want this thing done in a way that will in any shape, form or fashion be construed as being outside the limits of normal conduct; so they are chosen very carefully. The second thing is, do they go into a trance? Well, I think I mentioned we measured some of them and they are in a Theta brainwave state. Okay, one more.

[Question on whether Psi-Tech will do research on crop circles.]

No, only because, you know, we are a *for-profit* organisation; Psi-Tech is a *for-profit* organisation, okay? And if somebody would like to have the crop circles looked at, we would be more than happy to look at crop circles. Now there has been some very casual looking, you know, just to kind of test what it was and what was going on; so there is some minor information, but we have not really done that as a process. Okay?

Let me say in conclusion, I think I want to burn that tape back there because I am not sure that I want any of this on tape.

[* TREAT = Treatment and Research of Experienced Anomalous Trauma. Refer to NEXUS 2#19, "Global News", and 2#16, "Psychic Warfare and Non-Lethal Weapons."]

"The Soviets have been doing RV for years. At one time, about six years ago, the second highest part of the Soviet budget was in paranormal research."

— The Terrorist Factory —

DEATH IN SAINT JAMES

If US Special Operations used such advanced mind-control technology in 1984, just imagine what they've got up their sleeves now.

Part 3

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45 Merlin Drive, Carine, WA 6020, Australia. Phone: (09) 246 2029. Taken from the full-length book manuscript, *"Mike-Alpha-Delta-3"*. All rights reserved. Though written as fiction, *"Mike-Alpha-Delta-3"* is based on fact.

The sun crept above the black outline of the Atlas mountains in the east, gradually bathing the base with soft diffused light. Dew sparkled on the neat line of parked Northrop F5 aircraft, most painted in desert camouflage and bearing the bright red and green roundels of the Moroccan Air Force. Only two aircraft were different. Painted grey with subdued American markings, both were advanced "Tiger" versions of the F5: the first a two-seat F5F, and the second a single-seat F5E.

Permanently based at Alconbury in England, the Tigers were part of the crack American "Aggressor" squadron normally used to train NATO Air Force pilots in combat techniques with dissimilar aircraft. Supersonic and very manoeuvrable, the F5 Tiger had similar performance characteristics to the Russian MiG-21 Interceptor. Because of its unusual role of 'surprising' NATO forces in mock attacks, only the Aggressor squadron had easy access to airspace over nearly all European countries, making it invaluable for covert special operations activities.

Julia Long watched from a distance as Otto Jewell finished his pre-flight checks on the two-seat Tiger. Satisfied, Otto climbed into the front cockpit and strapped himself in, completely ignoring the air force captain in the seat behind him. With a faint whine that slowly turned to a roar, both Tigers started engines and edged their way out of the line of parked aircraft, turning on the taxiway towards the active runway. Julia lit a cigarette and watched as the two fighters waddled along, weighed down with drop-tanks under their bellies and wings. There was a long flight ahead and both Tigers were carrying maximum fuel.

Juddering slightly under braking, both aircraft lined up side by side on the runway threshold and went to one-hundred-per-cent cold thrust. As the leader dropped his white-gloved hand, both released their brakes in unison and selected afterburners. Julia heard the muffled thunder as the afterburners lit, sending the two fighters hurtling down the runway. Julia Long stood motionless, watching the bright pink glow from the afterburners fade slowly as the Tigers climbed away from her to the north. Only then, at exactly 5.48 am Greenwich Mean Time on the morning of 16th April 1984, did she finally turn and walk slowly back into the officers' mess.

The conditioning had gone well. In less than a week, Otto had been transformed from a 41-year-old oilman into a 27-year-old member of the RAF, and then converted into a patriotic 27-year-old member of US Special Operations—all life events beyond that age being ruthlessly suppressed by electromagnetically-induced, drug-reinforced, post-hypnotic suggestion. There was no question of Otto Jewell being a 'zombie', however. He was a fully-conscious human being with a chronological age of 41 years, but with the memory and reaction times of a 27-year-old. Julia Long considered the new Otto a marked improvement over the old.

Where before conditioning Otto had been slightly hesitant, he was now supremely confident. As with all terrorists manufactured by special operations, Otto believed he was invincible and that nothing could go wrong with his mission. Where in India Otto had been overweight, he was now trim enough to slide easily into a Northrop Tiger. The intense stress induced by sustained exposure to ELF electromagnetic fields and visual-input, burned off weight faster than the most drastic diet ever devised by the medical fraternity. In all, Otto had shed nearly 30 pounds, virtually without moving a muscle. With his greying hair now dyed jet-black to match his own perception of himself as a 27-year-old, "Mike-Alpha-Delta-3" was indeed a new man.

After finishing her breakfast, Julia left the officers' mess and walked slowly back to her room to pack her bags. Her orders were clear: once Mike-Alpha-Delta-3 was on his way,

her task was to return to Calcutta and wait until the twenty-first of the month. If his mission was successful, Mike-Alpha-Delta-3 would arrive back in India that day and Julia would start the process of deleting all traces of his operational memory. Once more using ELF electromagnetic fields, she would selectively erase each and every aspect of his mission until all that was left would be a 41-year-old oilman called Otto Jewell, slightly disoriented and very tired but completely unaware of his activities during the preceding two weeks. Otto would believe the entire period had been spent on oilfield duties in Calcutta.

If the mission went badly wrong and Otto were taken alive or killed by the British police or intelligence services, special operations would take swift action to cover up all traces of any involvement. Dead or alive, Otto's 'real' life history would be discreetly leaked on the American news wires. Back in 1980, Otto had spent an entirely innocent month in Libya's Sarir oilfields sorting out problems for oil company AGECO, but that was not the story the world media would be provided with. Instead, the discreet leak on the American news wires would state intelligence sources confirmed Otto had attended a Libyan "terrorist training camp" near the Chad border in 1980, and that he had flown to and from Libya on British Caledonian Airways out of Gatwick. With the media pack baying at its doors, British Caledonian would confirm Otto's outward and inward flights and the story would be set in stone. For ever afterwards, Otto Jewell would be known to the public only as a hired mercenary on the payroll of none other than Colonel Muammar Al Qadhafi of Libya.

There was no chance of Otto breaking down under interrogation. If captured alive, he had been programmed to revert to his normal age of 41 years immediately. The severe shock of finding himself under police interrogation in London when he should have been in Calcutta, might be enough to induce a heart attack. Even if Otto survived the shock and was subjected to forensic hypnosis and drug-assisted interrogation using sodium pentathol, the worst that could happen would be the discovery of the 'decoy' hypnotic level carefully developed in Calcutta. The relatively shallow decoy hypnotic level revolved around drilling operations and had absolutely nothing to do with missions in the West End of London. Special operations had covered every angle.

Julia finished packing and phoned for an airman to take her bags to the waiting Gulfstream II executive jet. It was time to be on her way, and she was looking forward to a long bath and a five-star meal at the Oberoi Grand Hotel. After the airman loaded her bags, Julia Long sat back comfortably in a VIP seat, then reached across to the cocktail cabinet and poured herself a stiff drink. She sipped it slowly as the Gulfstream roared off the runway, turning to the north-east on the first stage of a dog-leg course that would take the aircraft to its first refuelling stop at Cairo, while allowing it to stay well clear of Algerian and then Libyan airspace over the Gulf of Sidra. Leaning back in her seat, Julia opened her *MKMAD* folder and extracted Otto's slim file. *MKMAD* was a notorious 'special access' sub-project originally run under a different acronym in parallel with *Artichoke*, a mind-control project from the 'fifties long believed extinct by senators and congressmen alike. Julia smiled with amusement. Politicians were told only what they needed to know.

Gordon Nobel had been adamant that Mike-Alpha-Delta-3 be

conditioned with scrupulous attention to detail. There was a good chance of his surviving the London operation and being used again later. Special operations' accelerated-learning visual input was arranged in modules, each covering a single subject. It was critical that Otto have at least a basic knowledge of each subject in case a 'flashback' occurred. That way he would tend to associate any sudden memory recovery with earlier real-life events. After hours of questioning under hypnosis, Nobel ordered the two 'maritime' modules excluded because Otto had no prior knowledge at all of diving or seaborne operations.

Visual input in Morocco had started with Otto's brain activity under constant scrutiny as the accelerated learning process began. The procedure started quite slowly, but as the Alpha fields and direct visual-input projection forcibly punched new neural pathways through his brain, a strange thing happened: Otto's brain 'learned how to learn'. His Critical Flicker Fusion frequency, a measure of the brain's ability to discriminate between massed data inputs, increased dramatically while his reaction times halved. Julia watched her big colour monitor and listened to her headphones with interest as the first module, an operational conversion to the Northrop F5, was slowly fed to Otto. By the time the last module on rifles and ballistics was run on day four, Julia could no longer do so. The screen was a blur, and the noise in her headphones a continual high-pitched shriek.

Otto seemed unperturbed as he lay motionless on the white operating table, immobilised eyelids open and pupils dilated while his brain absorbed new data at the equivalent of ten sheets of close-typed A4 paper per second.

Indoctrination was more critical. As each day passed, Otto was reinforced in the belief that he was a patriotic member of US Special Operations: a proud lieutenant colonel in a covert force formed from the outset to rid the world of communists and terrorists by whatever means necessary. Time and time again he was reminded that a small number of innocent people had to die, but that their deaths were necessary to protect

true democracy for the world as a whole. Nobel worried continually about this single aspect of Otto's personality: as an Englishman from a family proud of its three hundred years' military service to Crown and country, Otto had an extremely high sense of honour. He adhered to a strict code of conduct where women and children were regarded as non-combatants, and where the Geneva Convention demanded prisoners be treated with dignity. Such outmoded principles were counter-productive to special operations work, so Gordon Nobel ordered Julia to break Otto completely.

Slowly but surely, the obscene special operations doctrine took hold under the intense pressure of electromagnetic stimulation and visual input. Quite suddenly early on day three, Julia sensed a breakthrough: she had broken the jelly-mould of Otto's basic personality into a thousand different pieces, and set about rebuilding it to special operations specifications. Such was the awesome power of the techniques used, that by the morning of day four the job was complete. Otto would now ignore his hereditary honour and training, and kill on command without a shred of remorse. Indeed, Otto would shoot an American president without question, but only if US Special Operations ordered him to do so. On that fateful day in April 1984, Julia Long permanently destroyed a part of Otto Jewell's soul.

...Julia sensed a breakthrough: she had broken the jelly-mould of Otto's basic personality into a thousand different pieces, and set about rebuilding it to special operations specifications.

Only rarely had there been direct physical training. On day two, Otto had flown in an F5F with the air force captain in the rear seat for safety purposes. There had been no hesitation and Otto flew the complete mission profile without incident, handing over control to the captain for the landing. On the afternoon of day four, Otto was taken to Tangier for a rest break; then on the morning of day five was sent south-east towards the Atlas mountains for shooting practice. His honour totally erased by US Special Operations techniques, Mike-Alpha-Delta-3 cocked his Browning automatic rifle and shot an unarmed Berber tribesman through the shoulder as ordered. Subsequent examination showed the shot to be within one half-inch of the specified target. The Berber was left where he fell. Mike-Alpha-Delta-3 had hit him with a high-velocity fragmentation bullet travelling at over three thousand feet per second, the shrapnel slicing sideways and downwards through the Berber's ribcage and turning his vital organs into a bloody pulp. The rest of day five was taken up with the verbal Cosmic International mission briefing.

During the afternoon of day six, two Tigers flew out across the Dutch coast just south of Zandvoort, ducking down swiftly until their wings almost brushed the white-crested waves, as they raced across the North Sea just below the speed of sound on their last leg from Morocco. The disembodied voice of the air force captain came through the intercom: "Start a 'rate one' turn to the right and reduce speed to 350 knots." Without taking his eyes off the horizon, Mike-Alpha-Delta-3 automatically moved the controls gently to the right and eased back on the throttles. More than a mile away, the second Tiger conformed without a word being spoken. Both fighters were maintaining strict radio silence.

"Steady on that heading!" Mike-Alpha-Delta-3 centralised the controls and flipped the air brakes out. As the brakes extended below each wing root, both Tigers lost speed and continued flying on the new heading of 310 degrees. Two specks appeared from the west and rapidly grew in size until they became visible as two Tigers, which promptly broke formation and flew alongside the first pair. The disembodied voice spoke again: "I have control, colonel."



It was a trick special operations had used many times before, in order to fly sensitive personnel or light equipment into many different countries.

"You have control, captain." Mike-Alpha-Delta-3 removed his hands from the controls and looked out of the cockpit with interest. The two Tigers were identical to their own. So identical that the other F5F two-seater carried exactly the same serial numbers as Mike-Alpha-Delta-3's fighter. As he watched, the F5F that had just flown out from Alconbury closed up with the single-seat F5E from Morocco, and the pair turned back towards Europe. Still maintaining strict radio silence, the two-seater from Morocco closed up with the Alconbury leader and both fighters slowly banked around and headed towards the English coastline.

It was a trick special operations had used many times before, in order to fly sensitive personnel or light equipment into many different countries. In all, there were 33 different countries flying one version or other of the 2,500 Northrop F5s, and they all looked the same at a distance. Because Mike-Alpha-Delta-3's Tiger was now apparently one of a pair that left Alconbury less than an hour earlier on a low-level North Sea interception and was returning without visiting foreign soil, there would be no nosy customs or immigration officials to ask awkward questions.

Entry into the target country was the most dangerous part of any special operations mission using an operative who was not a native American. Good though CIA intelligence was, it was incapable of ensuring that the operative was not wanted by any of his home government agencies for a possibly trifling crime or offence. As an entire operation could be wrecked for the sake of a thousand dollars' worth of unpaid parking tickets, covert entry was considered essential. Departure was far less important. If he survived the mission, Mike-Alpha-Delta-3 would fly out of Terminal 2 at London Airport Heathrow on 20th April.

Mike-Alpha-Delta-3 watched the coast of the Wash flash past as both fighters climbed and declared their presence to West Drayton Control Centre. After approach to Alconbury was granted, they curved round neatly at 2,500 feet over Peterborough, slowly descending towards Alconbury from the north-west. Now in line astern, both lowered their flaps and wheels and turned towards the runway. The white flarepath strobes flashed a welcome, and ten seconds later there was a discreet squeak as the Tiger's main wheels contacted the runway. Late in the afternoon on 16th April, Mike-Alpha-Delta-3 finally arrived in England.

From that point forward, only Mike-Alpha-Delta-3 and one other man in London would know the full mission details. Different personnel had been used to position the various pieces of equipment needed the following day: the usual intelligence system of using 'cut-outs' every inch of the way. Changing into a sports jacket and casual trousers, Mike-Alpha-Delta-3 picked up a waxed cotton Barbour coat and put it on. There was a chill in the air, and the coat would attract no attention in the country or in London. The Barbour coat was very common, which suited his purpose very well. Mike-Alpha-Delta-3 had to stay invisible to intelligence service surveillance by fading into the background.

He was politely ushered into an unmarked blue Ford saloon by its owner, who then drove towards the base's main gate. Alconbury had not been selected as the home

of the Aggressor squadron by accident. The airfield lay alongside the main A1(M) trunk road which ran from London to Scotland and was continually crowded with heavy traffic, making covert entry into England a dream. As the blue Ford joined the stream of vehicles heading south to London, Mike-Alpha-Delta-3 was within 15 miles of a large, familiar house in a village just outside Peterborough. The house belonged to John Dwyer, the man who first gave Otto's name to his CIA contact in Salt Lake City. Though Otto had visited the house many times, Mike-Alpha-Delta-3 failed to make the connection. Otto had first met Dwyer in 1981 when he was 38 years old. Now, as the 27-year-old Mike-Alpha-Delta-3, he was not due to meet John Dwyer or see his house for another eleven years. Making the connection would have been impossible.

Though the driver of the Ford saloon was an air force major, he had no idea what his passenger's mission was. All the major had been told was that the colonel had to be delivered to a street in Watford, where he would be collected by another driver for the rest of his journey. Neither man said much as the Ford drove steadily south, the major carefully staying below the legal speed limit. At Watford, the colonel transferred to another car, the second of four used as cut-outs before he arrived at his final destination. After the fourth car dropped him, Mike-Alpha-Delta-3 slowly walked the last half-mile to a small private club tucked away in a narrow West End street.

Knocking discreetly, he waited patiently until the door was opened by an elderly retainer who immediately led him upstairs and ushered him into a room. His Samsonite suitcase lay on the bed and a box stood on the table by the window. After confirming his new guest would like to dine at 8 pm, the elderly retainer left the room, closing the door quietly behind him.

Unknown to members of the public, the club was really a fully-serviced 'safe house'. With a small bar, a dining room and less than a dozen bedrooms, it had provided discreet but very expensive cover for a lot of highly-questionable visitors over the years. After opening his suitcase and taking out a clean shirt and underwear for the morning, Mike-Alpha-Delta-3 turned to the box and checked the contents before removing a bunch of keys and two other items. Unrolling a large garish plastic courier bag, he placed the box inside and sealed the bag before placing it back on the table. The address was clearly visible: "Enserch Corporation, 8 St James Square"—in reality, the discreet address of a Howard Hughes subsidiary. Next, he unfolded a large plain black plastic wallet and placed the courier bag inside. Happy with his work, Mike-Alpha-Delta-3 walked downstairs for dinner in the deserted dining room before returning to his room to get a good night's sleep. It had been a long trip from Morocco, and sleep came swiftly.

After waking at 7 am the next morning, Mike-Alpha-Delta-3 had a long, hot bath and dressed carefully. Locking his suitcase, he turned towards the door carrying the large black plastic wallet. When the mission was complete, he would return to the discreet club to lay low for three days. The chaos following his mission would not fool the British police or intelligence services for more than a few hours, after which they would turn London upside down in a frantic attempt to find the operative responsible. With a little luck, Mike-Alpha-Delta-3 would be in his room watching

television until the fuss died down. Only then would he travel across London and catch the shuttle from Heathrow to Brussels on the first leg of his complex flight schedule back to Calcutta. Walking downstairs, Mike-Alpha-Delta-3 entered the dining room and ate a large breakfast of bacon and eggs before settling down to read the London morning newspapers.

Later, he rose casually, donned the Barbour coat and picked up the large black plastic wallet. Leaving the club, he turned left and walked casually for three blocks. As expected, a black Honda CX-500 courier motorcycle stood waiting next to the kerb. Unlocking a side pannier with his keys, Mike-Alpha-Delta-3 took the courier bag out of its plastic wallet and dropped both items into the pannier. Next, he opened the large pillion-box and removed a full-face crash-helmet before mounting the Honda and switching on the two-way courier radio. Mike-Alpha-Delta-3's helmet headphones came alive as he drove down the street. Unlike hundreds of real couriers riding black Honda CX-500 motorcycles around London that day, he listened only to the operational frequencies of the Metropolitan Police Force.

The Honda attracted no attention as it weaved through the usual traffic jams in Piccadilly before turning into Jermyn Street, slowing to walking pace as it entered Duke of York. Ahead of him, Mike-Alpha-Delta-3 could see crowd-control barriers with hooded demonstrators moving around behind them. Just before turning into a service alley-way, he read the slogan on one of the demonstrator's large placards: "DOWN WITH GADDAFI". Special operations was on the ball, but someone should have checked the spelling. Posing as a bunch of dissident Libyan intellectuals, the hired demonstrators could reasonably be expected to know the correct name of Libya's leader: Qadhafi, not Gaddafi.

Turning and dismounting, Mike-Alpha-Delta-3 removed the courier bag and strode purposefully to the back door of No. 8 St James Square. Unlocking the door with his own key, he stepped inside and closed the door behind him. Walking through the dark sombre building, Mike-Alpha-Delta-3 took the stairs to the upper floor, being careful not to touch the polished wooden banisters. Entering a front room and listening to the chanting from the square below, Mike-Alpha-Delta-3 removed the box from the courier bag, and quickly fitted sonic ear-protectors before donning a black balaclava and pulling on a pair of thin surgical rubber gloves. His face masked against accidental detection, Mike-Alpha-Delta-3 turned and moved slowly to the polished wooden table in the centre of the room, looking down with professional interest at the automatic assault rifle pre-positioned on the table for his use. Standing perfectly still, he watched the minute hand slowly advance around his black-faced precision chronometer.

Exactly at the prearranged time, Mike-Alpha-Delta-3 picked up the specially-shortened Heckler & Koch assault rifle from the table. The Heckler & Koch was fitted with a Juno muzzle-brake on its stub barrel to muffle the direction of the shots, and a short-range parallax-corrected telescopic sight. He'd been briefed the flush ammunition clip forward of the HK's trigger-guard held only five high-velocity fragmentation rounds, but they would be enough. Mike-Alpha-Delta-3 had been ordered to shoot for maximum media effect, and needed only three.

Breathing slowly and steadily, Mike-Alpha-Delta-3 waited for the two quick flashes of light that would tell him the selected target was just about to enter the killing-zone.

Continued on page 28

Carefully placing his left foot up on the low table and cocking the Heckler & Koch with his left hand, he wound his left arm firmly through the sling to steady the weapon, then pressed the fire selector down to semi-automatic with his right thumb. Next, Mike-Alpha-Delta-3 rested the weapon alongside his left knee and took up the slack on the sling to reduce recoil effect. Because he was firing a long way back from the window to avoid detection, there was only a limited field of fire but he knew the killing-zone by heart. Looking through the scope and studying the area, Mike-Alpha-Delta-3 moved the weapon slightly until he could see the exact killing-zone and a small part of the inner pavement and central gardens.

Breathing slowly and steadily, Mike-Alpha-Delta-3 waited for the two quick flashes of light that would tell him the selected target was just about to enter the killing-zone. It was not up to Mike-Alpha-Delta-3 to pick random targets: that job was reserved for his special operations controller. A helmeted man in a blue uniform walked straight through the cross-hairs of his telescopic sight, but Mike-Alpha-Delta-3 ignored him. Then there were two brief flashes of brilliant white light in the upper left quadrant of the scope, and his finger automatically took up the first pressure on the Heckler & Koch's trigger. One second later, a slim, blond woman walked slowly into the cross-hairs of the telescopic sight.

Mike-Alpha-Delta-3's eyes showed no emotion, his strict code of conduct completely destroyed by covert conditioning: the target had to die to protect true democracy for the world as a whole. His trigger-finger a blur, Mike-Alpha-Delta-3 fired three aimed shots so fast, the muzzle blasts blended into a single cacophony of sound that echoed round the square. The first bullet hit the woman in the stomach and she doubled over, her hat flying into the gutter, while the second and third bullets exploded on the inner pavement, hurling shrapnel into the small crowd of demonstrators. Mike-Alpha-Delta-3 placed his weapon back on the table and watched briefly as a television cameraman rushed in to film the woman rolling on the ground in agony. She was already dying as Mike-Alpha-Delta-3 turned swiftly away from the table and removed his balaclava. Then, as he walked downstairs and closed the back door of 8 St James Square softly behind him, the carefully precalculated media hype started in earnest:

"This is an urgent news flash. Minutes ago, shots rang out from the Libyan People's Bureau at No. 5 St James Square..."

And so it was that Julia Long achieved her objective of creating intense public anger by staging an obscene mission that shocked the British public. As the news flashed round the country, millions were outraged by the slaughter in St James Square, their perception of the Libyans forcibly distorted for all time. Less than 24 months later, US F-111 bombers took off from British bases and headed south to destroy the "terrorists" responsible, and their wives and children.

With the British media pack in full cry, the American bombers launched a premeditated attack on the civilian populations of Tripoli and Benghazi in Libya, and special operations scored a small personal bonus—a token sacrifice for true democracy for the world as a whole. Colonel Al Qadhafi's fifteen-month-old daughter Hannah was murdered by a monstrous 2,000-pound laser bomb, guided unerringly to its tiny target by an American F-111 bomber. Listening to the news on the radio, Julia Long nodded approvingly as she lit a cigarette, before turning triumphantly to her two Marine Special Operations technicians. "That should teach the terrorist sonofabitch a lesson, huh?" ∞

How Root Canals Generate Toxins

*The truth
about root-
canal fillings
will make you
think twice
about your
next dental
appointment.*

by Hal A. Huggins, D.D.S.

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THE DANGERS OF ROOT-CANAL FILLINGS ARE EXPOSED

"A new truth," warned Weston Price, "is like a new sense. You are now able to see things that you could not see before."

Weston Price, former Director of Research for the American Dental Association for 14 years, spent 35 years of his professional career researching the systemic diseases of the heart, kidney, uterus, nervous system and endocrine system, that resulted from toxins seeping out of root-canal-filled teeth. A certain percentage of people are sensitive to toxins that are manufactured within these dead teeth.

Price saw many truths that even today we have a hard time seeing, for we are bogged down in 'but-we've-always-done-it-that-way' thinking. We are too habitual to adopt his sense of 'new truth'. His observations led him far beyond the accepted remedies of that day. Incidentally, those remedies are basically the same treatments that are the foundation of today's root canal fundamentals. He researched 24 of those fundamentals and found each to be lacking.

Some of the 'lacking' fundamentals included: X-rays revealing the presence of infection; infections expressing themselves as bone absorption; a given dental infection will express itself approximately the same in all people; if pus is flowing from a tooth it is a dangerous sign; and local comfort of a treated tooth is evidence of the success of a root-filled tooth procedure.

He made quite a stir in the dental community. Even with his vast experience, educational background, and thousands of controlled experiments, dentists were resistant to changing their thinking about the root canal procedures that they had already been performing for decades. What did Price find that convinced him that people could not tolerate root canals?

First he observed that if he removed root-filled teeth from people suffering from kidney and heart disease, in most cases they would improve. In an effort to establish a relationship between the tooth and the disease, he inserted the root-filled teeth under the skin of rabbits. Rabbits have a similar immune system to that of humans. In fact, a normal, non-infected human tooth (as removed for orthodontic reasons) can be inserted under the skin of a rabbit for a year with practically no reaction. A thin film will form over it, but microscopically there are no rejection cells present.

When a root-filled tooth was implanted under the skin of a rabbit, the rabbit died within less than two days, sometimes within 12 hours. If a very small fragment (as an extract of the tooth) were used, within two weeks the rabbit would lose over 20% of its body weight, and die of heart disease or kidney disease if that is what the human donor had. To further challenge this observation, he removed the fragment and transferred it to another rabbit. In two weeks he observed a duplicate performance. In one case, he reimplanted the same tooth fragment in 100 rabbits, each in succession dying from the same disease that the human had had. In most experimental cases he transferred the fragment 30 times.

HOWE'S PAPER—THE DENTAL ASSOCIATION FIGHTS BACK

As obvious as the consequences were, dentists persisted in placing root canal fillings. This, of course, caused a hot argument among dentists, and soon Percy R. Howe published a paper in the *Journal of the National Dental Association* rejecting Price's findings. Howe injected large amounts of the bacteria streptococcus into rabbits, and found no adverse reaction. This 1920 publication is still used as proof that root-filled teeth are not harmful to humans.

In what way did Price show that Howe's paper was wrong?

In looking for a reason for the difference between Howe's findings and his own, Price

investigated the methods of sterilisation of root canals (similar to today's technology) and found that teeth retained their sterility for only about two days. Most lost sterility within less than 24 hours. Why? Where were these bacteria hiding? A tooth contains enamel, dentin, and a central pulp chamber. The central pulp chamber can be sterilised to a reasonable degree by removing its contents of nerves, arteries, and veins and flushing it with chemicals.

The dentin, however, is composed of thousands of tiny dentin tubules, unreachable by this flushing procedure. Although microscopic in size, these tubules are quite adequate to house billions of bacteria. If one were to take a front tooth and arrange the dentin tubules end to end, they would reach for three miles. The tubules are wide enough to accommodate eight streptococci abreast.

Where do these bacteria originally come from? They are *Streptococcus viridans* and are normal inhabitants of the mouth. When a tooth becomes decay-prone, they invade the tooth and start killing tooth tissues. When they reach the pulp chamber, they invade not only the pulp tissue but also the dentin tubules. When a dentist cleans out the pulp chamber, he removes all the bacteria in the chamber, but those bacteria that went into the tubules are still there. Then the dentist seals the tooth, and that's when a new truth begins that points out Howe's misinterpretation.

In an 'anaerobic' condition, or one that contains no oxygen, these streptococci (specifically diplo- and short-chain strains) mutate, undergoing a slight change in body form and metabolism to adapt to this new environment. Now, instead of producing slightly offensive waste products, these transformed bacteria produce a potent poison called a toxin. Our immune system does not like the toxin, but the cells of our immune system cannot get in through the tiny holes in the outside of the root to destroy the bacteria. The toxins can seep out. Fluids containing nutrients can seep into the tooth, so the bacteria continue to thrive in confinement.

TOXIN-FORMING BACTERIA

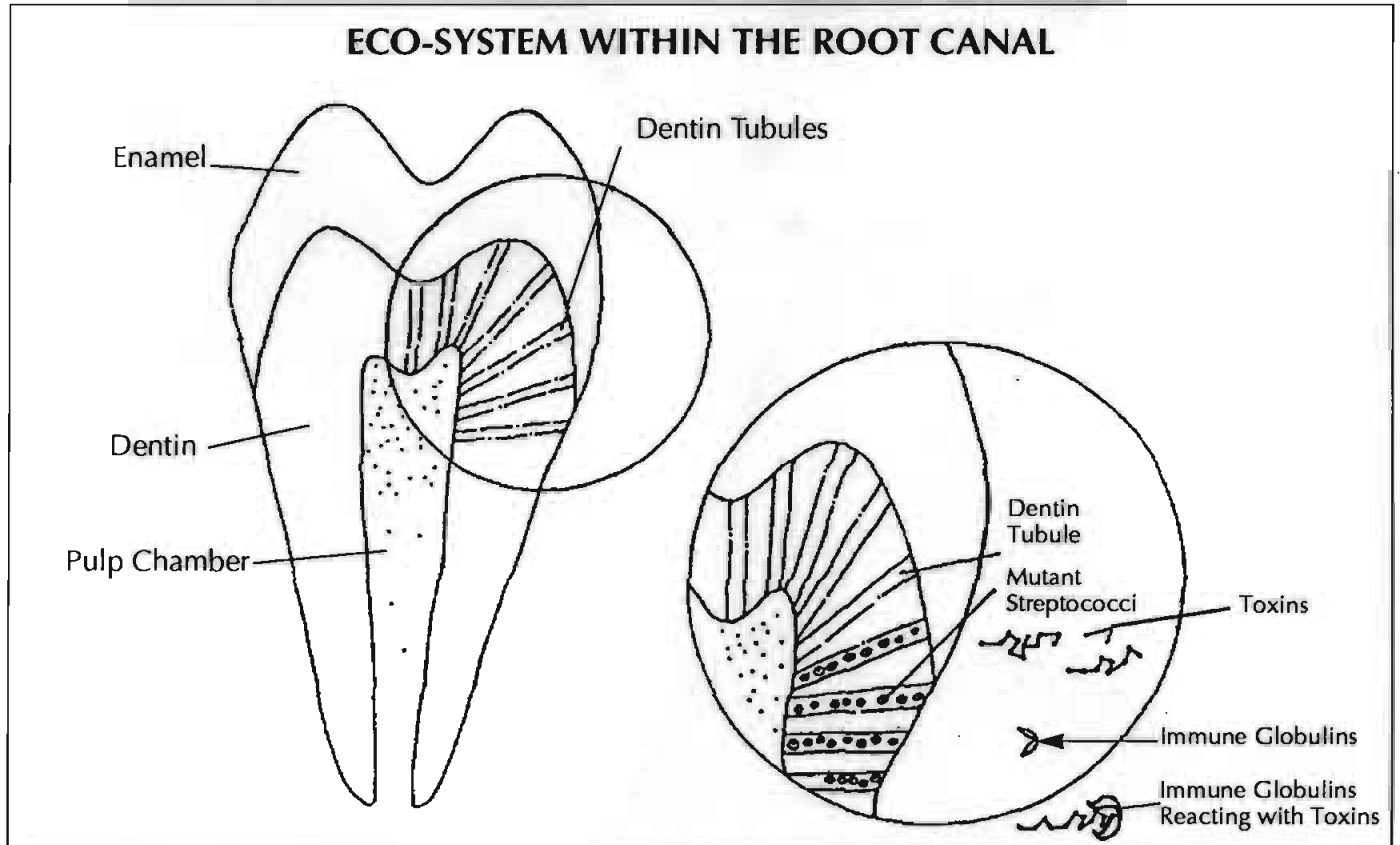
Howe's research addressed only the aerobic variety of bacteria. It completely missed the toxin-forming bacteria.

If the body launches a big fight against the toxins, then pus forms around the tooth. Conventional wisdom says that pus is bad for the patient, and we must give antibiotics until it is gone. Price found that pus was nearly sterile, and, though socially disagreeable, its presence was a sign of successfully quarantining the toxins from the tooth. That was certainly a new idea, and not readily accepted as a 'new truth'.

Another upsetting situation pointed out by Price was that X-rays frequently miss abscesses that are on the front or back of a tooth. About 30% of the teeth have extra canals which may exit anywhere from half-way down the tooth, to all the way down at the tip like they are supposed to. They can exit on the front, back or side of the tooth. Those 'other' canals that abscess are the ones that are apt to be missed on X-ray.

What about root-filled teeth that don't form pus or give pain?

If the body's immune system is compromised, then very little action is initiated around the root-filled tooth. Certain enzymes may escape which stimulate the bone to form what is termed "condensing osteitis" around the tooth. This is heavier-than-usual bone. It may actually fuse the surrounding bone to the tooth. On X-ray films, this will appear as a white line and is considered to reflect excellent healing. This tooth gives no trouble locally as far as pain and pus are concerned, but the toxins that seep out get into the circulation and, with little immune system interference, seek a specific organ to attack. This Price called "tissue localisation". Price had demonstrated this by transferring sections of root-filled teeth from animal to animal, generating the same disease with each transfer.



What is the factor that determines who is most susceptible to having problems from root canals?

Price recorded 140,000 determinations in 1,200 patients to come up with his answer to this question. Bottom line, it is heredity. If your biological inheritance for two generations back, including brothers and sisters of your grandparents, were resistant to degenerative diseases, then you are of good stock. You are not apt to launch an immune response against a root canal. On the other hand, if there were a high frequency of heart, kidney, diabetes, reproductive disorders, etc., then you are more apt to be susceptible.

Sometimes a person of healthy genetic stock can develop diseases as a result of reactions to root-filled teeth. How does this happen?

Most of us are aware that abuse of alcohol, drugs and caffeine stresses our systems. Price found that there were other stressors that were just as great. Exposure to these types of stressors tended to push people over their threshold and allow the root-canal tooth to become a problem. The challenge could exceed the person's resistance.

He found that the two greatest stressors were pregnancy and influenza. Under the influence of either of these conditions, the toxins from root-filled teeth were much more apt to produce disease at the person's specific susceptible site. Other stressors that upset root-filled teeth were grief, anxiety, chilling, severe hunger, acute and chronic infection.

What if you have a root canal and want it removed? Do you just pull the tooth?

No, this might give more problems. When these teeth are removed, the attachment from the tooth to the bone, called the periodontal ligament, must be removed with a dental bur at the

same time. This irritates the old bone, and stimulates it to form new bone. Recently in my studies at the University of Colorado where I was finishing a masters program in science, we were looking at biopsies of the bone under the root-filled teeth that we had removed. The lymphocytes of autoimmune disease were embedded at least a millimetre into the bone, and sometimes more. All this must be removed if good bone-healing is to be achieved.

Price's research, published in many peer-reviewed journals (such as the *Journal of the American Medical Association* and the *Journal of the American Dental Association*), etc., has never been refuted. Commercial expediency has, no doubt, influenced the profession in its apparent decision to ignore this research (that of one of the most brilliant scientific minds) to the detriment of an ever-increasing proportion of the population.

Weston Price, certainly gave us a new insight with his 'new truth', and have given many of us dentists cause for alarm. We must heed his advice and voluminous research and set our personal prejudices aside to consider his investigations. After all, it is the quality of total life that is our concern, not just the tooth, the whole tooth, and nothing but the tooth. ∞

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Exposing the Myth of the — GERM THEORY —

Not many people realise that germs, viruses and bacteria are the result, not the cause, of disease.

The germ theory of disease is a fraud!

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Extracted with permission from "Bacteria, Germs and Viruses Do Not Cause Disease: Discriminating between Medical Myth and Biological Fact", excerpted from the book, *Awakening Our Self-Healing Body*.

PASTEUR'S GERM THEORY OF DISEASE CAUSATION

In 1864, French chemist Louis Pasteur fathered "The Science of Bacteriology" and "The Germ Theory of Disease Causation" by demonstrating the existence of various micro-organisms—and concluding that these germs cause pathogenic changes in living cultures within the laboratory setting.

The germ theory states that diseases are due solely to invasion by specific aggressive micro-organisms. A specific germ is responsible for each disease, and micro-organisms are capable of reproduction and transportation outside of the body.

With the germ theory of disease, no longer did we have to take responsibility for sickness caused by our own transgressions of the laws of health. Instead, we blamed germs that invaded the body.

The germ theory effectively shifted our personal responsibility for health and well-being onto the shoulders of the medical profession who supposedly knew how to kill off the offending germs. Our own personal health slipped from our control.

Almost everyone in the Western world has been nurtured on the germ theory of disease: that disease is the direct consequence of the work of some outside agent, be it germ or virus.

People have been educated to be terrified of bacteria and to believe implicitly in the idea of contagion: that specific, malevolently-aggressive disease germs pass from one host to another. They also have been programmed to believe that healing requires some powerful force to remove whatever is at fault. In their view, illness is hardly their own doing.

The 'germ era' helped usher in the decline of hygienic health reform in the 19th century and, ironically, the people also found a soothing complacency in placing the blame for their ill health on malevolent, microscopic 'invaders', rather than facing responsibility for their own insalubrious lifestyle habits and their own suffering.

Pasteur was a chemist and physicist and knew very little about biological processes. He was a respected, influential and charismatic man, however, whose phobic fear of infection and belief in the "malignancy and belligerence" of germs had popular far-reaching consequences in the scientific community which was convinced of the threat of the microbe to man. Thus was born the fear of germs (bacteriophobia), which still exists today. Before the discoveries of Pasteur, medical science was a disorganised medley of diversified diseases with imaginary causes, each treated symptomatically rather than at their root cause. Up to this time, the evolution of medical thought had its roots in ancient shamanism, superstition and religion, of invading entities and spirits. The profession searched in vain for a tangible basis on which to base its theories and practices. Pasteur then gave the profession the "germ".

By the 1870s, the medical profession fully adopted the germ theory with a vengeance that continues today. The advent of the microscope made it possible to see, differentiate and categorise the organisms. Invading microbes were now seen as the cause of disease.

The medical-pharmaceutical industry began their relentless search for the perfect drug to combat each disease-causing microbe—of which there are now over 10,000 distinct diseases recognised by the American Medical Association.

The universal acceptance of the germ theory and widespread bacteriophobia resulted in frenzied efforts to avoid the threat of germs. A whole new era of modern medicine was then inaugurated, including sterilisation, pasteurisation, vaccination, and fear of eating raw food.

Medical authorities advised the public to cook all food thoroughly and to boil water.

With the deprivation of raw foods, an inevitable deterioration of health ensued.

The practice of killing germs with drugs was also initiated, resulting in iatrogenic (medically-induced) disease and further degeneration of health. Various programmes were instituted to confer 'immunity' against specific germs by way of vaccines and serums, with horrendous effects.

Fortunately, the horror of consuming raw food as being dangerous and bacteria-ridden has largely been overcome, although the ban on unpasteurised dairy foods still exists in most of this country [USA]. And the acceptance of poisonous drugs and inoculations has not waned to any appreciable extent.

Pasteur Not the Originator of the "Germ Theory"

Actually, the first "Germ Theory of Infectious Disease" was published in 1762 (almost 100 years prior to Pasteur's theory) by a Viennese physician, Dr M. A. Plenciz. In 1860, Louis Pasteur took the credit for the experiments and theory and became identified as its originator. Read the books, *Pasteur: Plagiarist, Imposter*, by R. B. Pearson, and *Béchamp or Pasteur? A Lost Chapter in the History of Biology* by Douglas E. Hume, for all the details.

Claude Bernard (1813-1878) disputed the validity of the germ theory and maintained that the general condition of the body is the principal factor in disease, but this idea was largely ignored by the medical profession and the general public. Bernard and Pasteur had many debates on the relative importance of the microbe and the internal environment in which they thrive.

Pasteur Realises Mistake

Around 1880, Pasteur himself admitted his mistake. According to Dr Duclaux (one of Pasteur's co-workers), Pasteur discovered that microbial species can undergo many transformations. These facts were not consistent with his germ theory and destroyed its very basis.

It is frequently overlooked that around 1880, Pasteur changed his theory. According to Dr Duclaux, Pasteur stated that germs were "ordinarily kept within bounds by natural laws, but when conditions change, when its virulence is exalted, when its host is enfeebled, the germ is able to invade the territory which was previously barred to it." This is the premise that a healthy body is resistant and not susceptible to disease.

With the advent of Pasteur's mysterious germ, however, medicine cloaked itself under the guise of 'science' and ever since has succeeded in keeping the public ignorant of the true nature of disease.

BACTERIA AND THEIR SYMBIOTIC ROLE IN THE BODY

Bacteria are our symbiotic partners in life and are completely normal to the body. They work symbiotically with the host organism by assisting in the breakdown and removal of toxic materials and in creating nutrients that are vital to our welfare.

Lactobacillus acidophilus, *Lactobacillus bifidus* and coli bacteria are normally present in the human digestive tract and are sometimes called "friendly, beneficial or symbiotic intestinal flora". They are necessary within the body for the proper absorption and

utilisation of food particles; for aiding in cellular nourishment; for stimulating peristalsis; for detoxifying and creating soft, smooth stools; and for keeping down pathogenic germs. (Antibiotics destroy these forms of useful bacteria).

Bacteria and micro-organisms also form a vital part in the world's food chain. When organic matter within plants and animals decomposes throughout nature, bacteria and moulds of the *Monera* family disorganise the highly complex organic molecules into simple inorganic wastes—whose elements are excreted back into the soil to be taken up once again as food by plants, and reorganised via the process of photosynthesis into widely diverse forms of vegetable matter, including food for humans, such as fruits, nuts, and seeds.

Bacteria are actually primitive forms of life which subsist on scavenging dead organic material. They break up and decompose waste material in our system just as they do within the plant and animal kingdoms.

Bacterial action renders some waste-matters usable in our body that would ordinarily be expelled and, as such, bacteria are essential to our lives—without them, our existence would not be possible. As intestinal flora, for instance, bacteria are a much needed symbiotic partner in life, responsible for synthesising vitamin B12 and vitamin K within our body.

As a cause of disease, bacteria do not 'invade' the body—for they are already present in the digestive tract. As needed, bacteria are brought into the circulatory system to aid in the process of purging the physiology of accumulated wastes.

Our body carries about a five-year supply of vitamin B12, and receives a constantly refurnished supply from bacterial activity in the lower intestine, just as is the case with other primates and natural plant-eating animals, including man. Also, vitamin K does not need to be supplied by food since bacteria which live symbiotically in the human intestine are capable of producing this nutrient, which is required for normal functioning of the body's blood-clotting agents.

The Beneficial Role of Bacteria in Disease

As a cause of disease, bacteria do not 'invade' the body—for they are already present in the digestive tract (which, by the way, technically is considered outside the body proper). As needed, bacteria are brought into the circulatory system to aid in the process of purging the physiology of accumulated wastes.

When the body creates a highly localised toxic condition in the system, as occurs during inflammation, the body absorbs bacteria from the intestines and/or other body cavities and transports them to where the accumulated poisons have been concentrated.

During the inflammatory process, pus is formed from the aggregate of dead cells and from the healing, white blood cell activity that takes place; and bacteria proliferate to feast on and process this material which makes it easier for the body to expel.

In this way, bacteria symbiotically assist in breaking down these toxic materials for elimination. In the process, however, the excreta of bacteria generated therein is toxic. The bacteria's own excretion reflects the morbidity of the toxins they consume, in that these wastes are also highly virulent. If not eliminated from the body, these accumulate to such an extent that the body initiates a cleansing/healing crisis.

Bacteria do not produce disease but are useful organisms that help decompose dead cellular material when the body's cells have completed their normal life cycle.

This process helps eliminate the dead matter from the body and, likewise, the bacteria aid in clearing toxic substances. This is why they are seen regularly during the disease/purification process since these processes require the disintegration of accumulated poisonous refuse which the system is endeavouring to purge.

Bacteria do not cause the death of the organic matter on which they act, however, as they are a part of the result of disease, not its cause.

Bacteria and germs play an important role in the evolution of disease but are not fundamental causes as commonly believed. Bacteria are intimately associated with serious illness, but merely contribute secondary or tertiary complicating factors by elaborating certain powerful toxins already present in the toxic body due to the poisonous by-products of their own fermentative and putrefactive actions.

Lactic acid, acetic acid (vinegar), alcohol from the fermentation process; and ammonias, indoles, skatols and purines, etc., from the putrefaction process are toxic—although our body, under normal conditions of health, can easily eliminate these forms of bacterial excreta. In fact, our faeces and urine are loaded with these protein decomposition by-products from both bacterial activity and our own body metabolism.

Bacteria need nourishment to grow and reproduce. When there is a dangerous accumulation of waste materials which is threatening body integrity, our symbiotic bacteria go into action and perform their janitorial/scavenging function of clearing the body of filth and debris. Afterwards, they resume their passive state once again.

Bacteria have an important role to perform in the vital process of healing. Germs take part in virtually all disease phenomena that require the disintegration of refuse and toxic matter within the body which the system is endeavouring to remove. They act as scavengers in clearing up the affected area of toxic saturation. As soon as their role is complete, their numbers decline.

For this reason once again, bacteria are associated with disease processes but are not its cause, for bacteria no more cause disease than flies cause garbage. To assume, because germs are present and active in the decomposition processes connected with dead

organic matter, that they cause its death is erroneous.

When toxicosis exists and threatens the well-being of the organism, the body responds by purging the toxins, and disease symptoms appear. Bacteria are present to decompose metabolic wastes, toxins, dead cells and tissues and as such are a vitally important part of the healing process.

Bacteria are capable of only one action in regard to the disease process: the processing of dead materials as their food. Bacteria proliferate because there is dead organic matter for them to feed on, not because they suddenly become malevolent.

In a relatively sterile environment they die due to lack of nourishment, just as they similarly die off in an environment of their own creating—namely, in the presence of their own toxic excreta including lactic acid, acetic acid, alcohol, ammonia and numerous other protein decomposition by-products.

It is inappropriate to call bacterial activity an 'attack' or an 'invasion' on the part of germs, unless we mean it is an attack on the toxins. The only real attack that takes place is the one we make upon our own body as we continually assault ourselves on the average of some 30 poisoning acts each day—including the devitalised 'foods' and 'beverages' we consume, the drugs we take, constantly staying up late and overeating needlessly—all of which create enervation and exhaustion of the body.

On the other hand, bacteria cannot thrive in healthy blood. This is why a clean, well-nourished body is not subject to their presence. Living in a germ-free environment is

impossible, however, and not even wholly desirable. Trillions of bacteria live in our body at all times.

Bacteria proliferate because there is dead organic matter for them to feed on, not because they suddenly become malevolent.

Bacteria Mutate According to Decomposing Soil in the Environment

There are no 'disease-producing' bacteria, germs, microbes, bacilli or viruses: it is the environment and the host which determine disease symptoms and the type of bacteria that proliferate. **Germs do not cause disease; rather, the body generates disease occasions for the germ proliferation that takes place.**

In order for a particular germ to exist, it has to have a suitable environment created by the toxic and pathological pollution saturating the body. Systemic poisoning then creates the specific germ culture, depending upon where the body has accumulated the wastes and according to the unhealthy lifestyle habits of the sufferer.

The key point is, however, that it is the diseased toxemic condition, where the body is overwhelmed with poisonous waste, which creates an environment favourable to the mutation of bacteria into those commonly associated with particular diseases. The disease condition favours proliferation and increasing virulence until their function of devouring toxic debris is accomplished.

When you ask a bacteriologist what comes first, the soil or the bacteria, the answer is always the tainted environment, in order for the bacteria to thrive. Bacteria never exist in a proliferating state where there is no food or soil for their propagation—but they multiply rapidly when there is decomposing material to feast on, and then they die off when there is famine or adversity in their surroundings.

Once again, bacteria no more create their food supply than flies cause garbage. The garbage or soiled state within our



body must pre-exist the presence of bacterial 'invasion': **bacteria do not cause disease; they are present because of it.**

Bacteriologists themselves wrongly divide the germ population into specific 'good germs' and 'bad germs' and overlook the fact that 'good germs' have the ability to mutate and proliferate into 'bad' virulent germs when their soil is suitable for this change.

In other words, germs can modify their structure and metabolic function according to the environment in which they find themselves. They exist in a multitude of strains, shapes and metabolic capabilities and may appear as rod-shaped or circular shaped depending on the dictates of their environment.

The germ theory was founded on the assumption that disease germs are specific, unchangeable entities in their biological structure and chemical characteristics. The 1968 Pulitzer Prizewinner and eminent bacteriologist Dr Rene J. Dubos contradicted this assumption, showing that the virulence of microbial species is variable.

As far back as 1914 in the *Journal of Infectious Diseases*, experiments by E. C. Risenow, M.D., of the Mayo Biological Laboratories in Rochester, Minnesota, demonstrated that pus germs (streptococci) can be transformed into pneumonia germs (pneumococci) simply by making minor alterations in their environment and by feeding them on pneumonia virus—dead organic matter characteristic with the manifestation of the disease.

When the procedure was reversed, the bacteria quickly reverted to the pus germs. In each case when the environment and food source were changed, the germs, regardless of type, quickly mutated into other forms.

Two New York City bacteriologists, in similar experiments, converted cocci (round, berry-shaped bacteria) into bacilli (long, rod-shaped bacteria) and back again. A coccus (pneumonia germ) can change to a bacillus (typhoid germ) simply by making minor alterations in its environment and by feeding it typhoid virus—specific dead organic matter which is particular to this type of bacteria proliferation.

When the procedure is reversed, typhoid germs revert to pneumonia germs illustrating that, indeed, any bacteria can modify and adapt its structure and metabolic function in accordance with its changing environment. The virulence of germs can likewise be altered in the laboratory at will by the technician.

The Toxic Body Produces the Virulent Germ

It is evident, then, that germs do not directly produce disease: rather, the body-generated healing crisis produces the germ by providing a suitable environment where non-toxic bacteria mutate into toxic micro-organisms within septic surroundings. For germs to become dangerous, they must be intermingled with concentrated waste products before a germ metamorphoses into a toxic entity.

While it is true that germs and bacteria exist everywhere, the micro-organisms only proliferate in the body when a person develops toxemia as a result of an unhealthy lifestyle.

When high quantities of oxidized organic material are being extraordinarily eliminated by the body via the throat, lungs or elsewhere, bacteria multiply geometrically. In hours, they may number in the trillions but suitable 'soil' must be present before they can proliferate.

Strep throat and sore throat are said to be caused by streptococcus bacteria. This is a common form of bacteria in the lactobacilli family, a round-shaped organism that also breaks down or sours milk.

You can easily prepare a culture containing billions of strep bacteria as in yoghurt, and any healthy person eating the yoghurt will not develop strep throat. Put them in a milk culture, and in hours they multiply into trillions. It is difficult to find anyone who does not contain this form of bacteria in their throat except in those using massive amounts of antibiotics or other life-destroying drugs.

Streptococci are not in themselves dangerous, however, for millions of them are found in the average person's throat and body cavities—but their excrement can be highly toxic as they help break down, decompose and putrefy waste materials which the body then eliminates through the lungs, throat, mucous membranes and/or skin.

A sore throat is actually an irritation of the tissues, caused either by what is being eliminated there or by some injurious substance sent down it. Streptococcus bacteria use the exudates as soil. When a concentration of toxic material is available, their reproduction is tremendous. To reiterate, streptococci are not harmful bacteria as they are always a normal portion of the body's flora.

Scientists know that specific bacteria are not always found in each case of the disease they are supposed to cause. Introducing germ cultures in a healthy body does not consistently generate disease symptoms. Numerous experiments feeding pure cultures of typhoid, pneumonia, diphtheria, tuberculosis and meningitis germs produced no ill effects.

As mentioned before, in 28-40% of diphtheria cases, diphtheria bacillus is absent. Likewise, in about 20% of those suffering venereal disease (syphilis, herpes, gonorrhea, etc.) neither gonococcus nor spirochetes are present. Saying that bacteria causes an ulcer, pustule or pimple about the genitals disregards the fact that these result

from the body's autolysis (self-digestion) of tissue. The creation of boils and inflammations characteristic of V.D. are vital body actions, not bacterial or viral invasions.

Similarly, pneumonia is thought to be caused by the bacterium pneumococcus, although it is absent in more than 25% of cases. Moreover, administering the bacterium to healthy organisms does not occasion the disease.

Even during the early stages of the common cold, nasal secretions are completely void of bacteria, as none are found in the thin watery mucus in the first two to three days. When thick purulent secretion begins, pneumococci, staphylococci and streptococci appear. Since bacteria are so conspicuously absent at the onset of a cold, another cause had to be found. Now, 150 different viruses are blamed for the affliction.

Colds are not 'caught'; rather, they develop from our enervating way of life. Bacteria or viruses have nothing to do with the development of colds. They may be complicating features, since bacteria function as saprophytes (scavengers) feeding on the debris being eliminated. As long as tissues remain abnormal, bacteria thrive. Once the eliminative and purging actions are completed, they subside.

Physicians readily admit that they do not know exactly which virus causes colds, for when the cold virus is sprayed into throats

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it causes inflammation in "susceptible hosts only"—in those whose tissues are already irritated by foreign agents. In addition, so-called respiratory pathogenic bacteria are present in throat washings of those who have colds, but killing the microorganisms does not shorten the period of illness.

Colds are preventable, but first we must learn their causes. As long as it is assumed that germs and viruses cause colds and that we 'catch' them, and as long as our efforts are directed against these microscopic entities, the cold will prevail. Colds are actually remedial efforts made necessary by the accumulation in the blood, lymph, and tissues of unexcreted metabolic waste, and by the intestinal absorption of toxic by-products of indigestion.

The ultimate causes of the cold are habits of living which reduce digestive efficiency, check elimination and cause enervation, permitting the internal environment to become polluted—a state of physiological smog, if you will.

Unless a germ will cause a disease every time it 'infects' the body, it is not a cause. A cause must be consistent and specific in its influence. Germs are omnipresent and fail to have a specific influence all the time.

Both laboratory evidence and empirical observations substantiate that disease is the body's reaction to intoxication, and not to germs—**bacteria do not invade nor control the body, for they are always within the physical domain.**

The Body Controls its Bacterial Population

Normal healthy organisms are actually deadly to germs and parasites and have innate, built-in resources to handle them. Bacteria are helpless against living cells, especially white blood cells and others that compose our natural lines of defence.

We harbour countless billions of micro-organisms within our intestinal tract, within our skin, in our mouth, nose and other body cavities. The celebrated Dr Lewis Thomas, who heads the Sloan-Kettering Cancer Institute, said: "Pity not the man who has caught bacteria, rather pity the bacteria that was caught by the man." Humans furnish a very rough environment for bacteria, keeping them tightly restricted and controlled.

Lymph nodes—the glandular tissue masses that occur along the lymphatic vessels throughout the body—routinely remove bacteria and foreign particles from the general lymph circulation and supply lymphocytes to the circulatory system. The lymph nodes and spleen form a portion of the body's reticuloendothelial system—referring to those phagocytic cells scattered throughout the body which can ingest bacteria, solid particles and other errant cells. This aids in keeping the body in a healthy, stable condition.

For example, billions and even trillions of bacteria and fungi are incidentally absorbed from the intestinal tract into the portal blood each day. These are so effectively apprehended and destroyed by our white blood cells and macrophages that scarcely any bacteria or fungi ever enter the circulating blood.

Leukocytes (white corpuscles) are the blood's defensive organisms that prevent intoxication by bacteria, cooked food debris or other toxic materials. Leukocytosis (an excessive proliferation of white blood cells in the circulation) occurs in response to inflammation, to excessive numbers of bacteria in the body, and to a pre-

ponderance of cooked food—all of which represent pathological phenomena.

The body must exist in a toxic state before it will institute the disease process. Neither bacteria nor anything else can start and sustain a healing crisis—micro-organisms are incapable of unified action and cannot exist where there is no food (soil) for them to survive. Living healthy cells are not soil for bacteria, but decomposing substances are.

If a healthy body can 'catch' a cold or flu due to influenza germs and is unable to resist an 'attack' by these micro-organisms, then how can the subsequently debilitated body ever recover? How can the weakened organism repel the onslaught of trillions of proliferating micro-organisms? The inevitable result would be the death of the organism.

If bacteria did invade organisms and subsequently laid them low, as medically supposed, the impetus and momentum they built up in the process would become progressively more pronounced and overwhelming as the organism receded further into disease.

If germs and microbe 'attackers' overwhelmed a healthy body, then, once they laid a victim low, their proliferating reproduction would exponentially increase the 'devouring', which would cease only when they had exhausted their food supply. There would be no recovery. If bacteria and viruses cause disease and debilitate the body, how does the weakened individual recover?

Were germs the cause of disease, there would be no remission, and germ proliferation would continue unimpeded.

Once the invading entities have a head start, it does not seem they would stop their destruction but, instead, would further diminish the organism's ability to defend itself. When bacteria start decomposing a body, only complete exhaustion of all organic materials ends their course—only when 'the bones are picked clean', so to speak.

Logic tells us that if microbial organisms 'make someone sick' and proliferate by the billions as they become more numerous and stronger, they would progressively sap more and more energy, vitality and resources from their victim. How can this process be reversed by a much weakened organism?

The whole concept of being laid low by microbes and then turning the tables on them makes for good fiction, but is physiologically false. For once dominance is established in nature over a weakened organism, it's downhill from there. Once zebras are overwhelmed by carnivores, they rarely survive. Once bacteria start decomposing organic matter, they continue until their food source is exhausted.

The body does not suppress the growth and multiplication of 'disease germs' until the morbid toxins on which they subsist have been consumed, and until the inflammatory process has run its course.

When diseases are said by medical authorities to be 'limited', this really means the illness is a body detoxification process that is terminated by the body when its purging objectives are reached. The body is in control, and not at the mercy of hordes of microbes or some 'mysterious disease entity'.

Disease, once more, is not caused by germs but by the toxic state of the body which allows the germ to flourish. This

Colds are actually remedial efforts made necessary by the accumulation in the blood, lymph, and tissues of unexcreted metabolic waste, and by the intestinal absorption of toxic by-products of indigestion.

deranged state of the organism is the outgrowth of violating our biological requirements, and is no chance or haphazard condition.

It is this diseased condition that creates an environment favourable to the mutation of bacteria into those associated with specific disease, and to their increasing virulence and proliferation.

A state of internal cleanliness, therefore, is essential for health and well-being. A pure bloodstream, free unimpeded circulation of all body fluids, and unobstructed excretion generate and maintain healthy tissue. Virulent bacteria soon die in this environment for want of suitable nourishment.

If the microbe is to have any part in causing disease, it must find an organism that produces suitable soil for its metabolic activities. We cannot avoid germs for they are everywhere—we must be proof against them. We avoid disease only by keeping ourselves in such a state of health that germs are powerless against us.

Medical Rationale of "Susceptibility" and "Resistance"

Everyone has literally trillions of fungi, bacteria and viruses in their body even when healthy. When physicians are confronted with this, they say that disease is not caused by these agencies because "you are not susceptible" or because "your resistance is high".

This is a cop-out, saying that these agents do not cause disease, but those factors which dispose us to susceptibility do—since the word "susceptible" means that the criterion which establishes susceptibility is the actual cause of disease, and not the micro-organism or the agency blamed. This cop-out confirms that the supposed contagious agents—bacteria, viruses and fungi—do not cause disease. The actual cause is whatever causes susceptibility or low resistance.

If we maintain our body in a clean, healthy state then germs

are irrelevant, for susceptibility does not exist. The concept of susceptibility is really the medical rationale which admits that bacteria only proliferate when the internal physiological condition warrants it. To repeat, it is an admission that an unclean environment is really the cause of disease—for if germs were the cause of disease, everyone exposed to the harmful germ would become sick with the same illness.

When the condition of susceptibility is introduced into medical theory to describe disease causation, the condition of the host is then of primary importance in the production of disease.

Susceptible individuals are those with a high degree of body toxicity and sufficient vitality to conduct the disease/purification process. When such sufficient vitality is waning, organic tissue damage occurs from the extraordinarily polluted internal state of the body which creates the foundation for chronic disease. So long as our body is relatively pure, however, waste materials do not accumulate and the scavenging assistance of bacterial germs is not called upon.

Physicians say that our resistance against germs is our only protection to avoid disease, but they leave their patients ignorant of how to guarantee a high degree of resistance at all times. We are told that germs invade only when resistance is lost. But what causes a loss of resistance? Obviously, loss of health means diminished resistance.

So if health is the best protection against disease, why not promote health by educating the populace in the requisites of health according to their biological mandate? **Why not create a true "health care" system, instead of the prevailing "disease care" system that currently exists?** We must promote health by living life according to those factors upon which health is generated. ∞

Continued in the next issue of NEXUS ...

Modern Medicine and its — Military Links —

*Part 2 of the
Dr Alan Levin
interview,
revealing
intriguing links
between
medicine and
the military-
industrial
complex.*

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[Editor's note: Claire W. Gilbert, Ph.D., Publisher of Blazing Tattles newsletter, conducted this interview with Alan S. Levin, M.D., immunologist, brave medico and self-declared "quack". Dr Levin provides a rare insider's view and courageously speaks 'on the record'. This interview is a unique document, clarifying some of the past few decades' little-known and little-understood bouts of military and medical madness.]

DOUBLE-BLIND STUDIES ARE UNSCIENTIFIC

Levin [L]: About that same period of time we lost Kennedy, well prior to that, we had this 'thalidomide scare', and with the thalidomide scare, the mandate of the Food and Drug Administration (FDA) expanded dramatically. So all of a sudden we had a law where you had to prove the 'efficacy'—you had to prove your drug worked—so instead of simply identifying 'toxicity', you had to identify efficacy.

In order to identify efficacy, you had to do some strange, so-called 'scientific' studies. They are not very scientific. The double-blind, placebo-controlled studies are totally unscientific! I'll go into that later. I am a scientist.

Gilbert [G]: I am, too. Doctors swear by that (the double-blind studies).

L: Doctors are not very well trained in science. That's the problem.

G: Research, scientific logic and all that. I agree.

L: Basically, then, the mandate for bringing drugs to market became totally unrealistic. So the average drug that may have cost a million dollars to go to market in 1963 now would cost \$200 million to go to market, and much of the money goes to investigators, patent attorneys and clerks.

G: Because they need to prove that 'it works'.

L: Right. So you have this strange situation where you have this non-scientific way of proving a drug—this double-blind, placebo control—which means *nothing*.

Whether a drug makes it to market simply means that someone has had enough money to put it through and pay the right politicians. That's all. It doesn't mean it works or it doesn't work. And you can think of the FDA as you do the Post Office. It's the same mentality, the same level of competence. So, basically, we have this very strange situation and, in addition to that, we have the concept of capitation grants.

Now, what happened was that the Government thought doctors were too busy as small business people, you know, worrying about income tax, rent, personnel management and all that, and that if they took these people and put them into the universities, and took all these responsibilities away, then these physicians would be totally dedicated to teaching and research, and be more effective. And that sounded great!

Prior to that, the full-time academic was considered to be a nerd. The old saying was: "If you can't do it, teach it." When I was in medical school, we used to wait for the 'real' doctors to come in and teach us real medicine, because the guys in medical school had never seen patients and they didn't know anything. But then, after that, the drug companies kind of took over and they started funding these full-time academics.

So basically you've got this nefarious tie between the drug companies, who are trying to prove something that couldn't be proved, and the academics, who really had no responsibility for patients. The average full-time academic today—physician, professor of medicine—has at least four people between him and the patient. You have the fellow, the resident, the medical student, and the intern, and then you have this entire institution protecting him. So the average academic physician really is not prepared to handle sick people.

G: I want to backtrack a second. What's your critique of the double-blind experiment?

L: First of all it was designed by people, both of whom are friends of mine. One continues to be a very close friend of mine. The first one, Joe Nehman died, and my wife was

his doctor. The other one, Bush LeCam, is a very close friend. My wife shares a birthday with him, and his daughter is a patient. We're very close.

So we're very familiar with the people who developed the double-blind, placebo-controlled study. And we know what they know about medicine and science, and they all admit that they don't know anything about it.

The problem with the placebo-controlled, double-blind study is that you are using two human beings as controls against one another. There is no species more outbred on Earth than two human beings. A person from the North Pole can procreate with a person from the South Pole, and can have an infant. There is no animal on Earth that is as out-bred as human beings, including two identical twins. They are not the same because as soon as the zygote divides there are different positions, there are different antigens to which they are exposed.

G: But in the experiments they are not done on just two people.

L: Let me go on. Two human beings are different from one another. That's the first problem.

The other problem is the problem of diagnosis. Diagnosis is simply a pigeon-hole into which a doctor places a patient. So Mr A has 'A's Disease' and Mr B has 'B's Disease', and they share some symptoms and lab tests so we call them 'diabetic'. But they don't have the same disease, they are not going to respond to the same treatment course, and they are not going to respond to the same doses.

So if I took 100 people that the competent physician would diagnose as 'diabetic' today and followed them for ten years, some of them will have eye disease, some of them will have heart disease, some of them will have kidney disease, and some of them will have gangrene of the big toe. Some guy ten years from now will say: "How could this stupid guy make this diagnosis of 'diabetes' on Mr Jones who had gangrene of the big toe, and Mr Smith who has eye disease?"

The bottom line is that this is simply a pigeon-hole into which to place a patient to give you helpful guidelines for treatment, but it is not hard and fast. It is not locked in granite. What you've got is that you are trying to make a diagnosis; and you make a diagnosis of diabetes on two different people who are two different animals with two different diseases, and then you are studying the effects of this. So you need large numbers, and you need *statistical significance*, so basically what you do is you expand the numbers.

Well, a double-blind, placebo-controlled study may make sense if you had 100,000 people in each arm, but you don't. Usually you have about 30 or 40 or 50, or maybe 1,000 on each arm, even then it's not enough. But when you do this you get into a situation that if you get five people who are absolutely cured and 95 who go on and have the same disease process, you probably have a cure for five people, and that's a subset of the disease that is cured by 'Drug X'.

But if you went to the double-blind, placebo-controlled study, it would probably wash out because it is not statistically significant. (Publisher's note: This means that the 'double-blind' study ignores a significant amount of information which could help certain people.)

Now what is the alternative? How do you do these studies so you know what's going on? You use the patient as their own con-

rol. (Publisher's note: This means you compare the patient's health before and after the use of medication, rather than comparing the average result of an experimental group of people who get the medication against the average of those who don't get the treatment.)

You follow biochemical parameters of progression and regression of the disease. For example, if you did a double-blind, placebo-controlled study of insulin in diabetes and used that as an influence, that would be what the average physician does today.

On the other hand, if you measured blood glucose you could get more information without the suffering.

The difficulty is that the physician has to understand blood glucose. It's that simple. That's what we're dealing with today.

The average so-called 'medical scientist' really doesn't know science. When you get to the situation where you are trying to study the efficacy of AIDS drugs—and I got into this situation—I was measuring different parameters, B- and T-cells, T-4s, T-8s, Beta-2 marker globulin, P-24, sed (sedimentation) rates, all sorts of biochemical parameters, and I was adjusting treatments according to these biochemical parameters. The problem was that I got a lot of flack. Why? Because these people were doing their double-blind, placebo-controlled studies using death as an end-point.

But I said: "Well, why don't you use these biochemical parameters?" And they screamed and hollered, and then they called them "surrogate markers", and I said: "Well, fine. So now you are following surrogate markers." Well, 'respiration' is a surrogate marker for 'life'. 'Pulse' is a surrogate marker for 'living'. Right? I mean, bullshit they are surrogate markers!

These are what real doctors use (biochemical parameters). This is what science is. This is how you treat patients. You don't wait for them to die.

Well, why do you (academics) call them "surrogate markers"? Because you don't understand what they are. You aren't well enough trained in science to understand

what a P-24 antigen is, and what it means. You are not well enough trained to know what a T-4 cell is. But you're a 'professor of medicine' at UC San Francisco, and you are supposed to be an expert on AIDS and you 'pooh-pooh' it (biochemical parameters). It doesn't mean anything, right?

The bottom line is that these double-blind, placebo-controlled studies are run by people who don't know much about science.

Let me give you another very classic one. It's done by this guy, Frederick Stare, who was a professor. (Publisher: At Harvard, I believe.)

G: Oh, I know, the 'nutrition doctor' who said vitamins are no good?

L: Right.

G: He said: "Chocolate-chip cookies are good (for you)?"

L: Chocolate-chip cookies. Sugar is good for you.

G: He's a scandal.

L: But he's a classic.

G: Right. But everyone cites him, right?

L: Oh yeah, yeah. But that's the bottom line. That's what it's all about. So these are the kind of people you get, and they are being used by the drug companies because—who cares? It's the same kind of thing. "I don't care if the thing works; I just want to make money on it." So that's what's happened.

Basically, we have the situation where we have the full-time

"Whether a drug makes it to market simply means that someone has had enough money to put it through and pay the right politicians. That's all. It doesn't mean it works or it doesn't work."

academics and we have the drug companies with their ridiculous mandate from the FDA; and so they marry one another and we have what we have today, which is this bizarre situation in which medicine is run by these people who really are not very good at science.

I'll give you an example. This is *The New England Journal of Medicine*, okay?

G: I thought that that was one of the better ones, too, I mean more liberal.

L: Really? Eighty-three per cent of its revenue comes from drug advertising. What do you think this costs? Eighty-three per cent of its revenue comes from drug advertising.

In addition to that, the very highly touted drug called Mevacore, lovastatin, is a drug that lowers cholesterol. Now, this is my opinion: The purpose of Mevacore is to allow 'Joe Six-Packs' to eat his 'Twinkies' and 'Ding-Dongs' and not worry about his cholesterol. You are not going to get very much about diet control in this journal because Mevacore doesn't want it. You know, Merck, Sharp and Dohme doesn't like diet control because obviously diet control cuts their profits. So, this is simply a trade journal. That's what it's all about. It's a nice one. I like it. But it's not a credible journal. It's not really good science, but it's fun to read. Kind of like *National Enquirer*.

G: So the people who make money off the Military are now getting into the drug business? This is an area in which they can make bucks, right?

THE TIE

L: So let's do the tie. We are going back again to the military-industrial complex and their involvement in medicine. What happened, in my opinion at least, is that they are looking for another market because war is not quite that profitable any more, so they're going into medicine, and they have found themselves an ally in the academic physician who really doesn't know much science, who really doesn't care much about patients, but who has car payments and, you know, who wants to feed his or her ego and so they want to publish in everything.

G: Build a little 'empire'?

L: Yeah, right. So basically, what have we got today? We've got Lockheed who owns Dialog database. McDonnell Douglas runs 70 per cent of the hardware and software of all the hospitals in the country. Hughes Industries runs the largest research programmes as we talked about, at Hopkins, Harvard and UC San Francisco. Their budget for so-called medical research is greater than the Federal Government's in the year 2000! FMC works with Hypertech on mononuclear antibodies. Colt Industries works on urinalysis. General Dynamics, General Motors, General Electric, Delco—they're all into medicine and into defence. Now, that's the bad news. Now let me tell you the good news.

The good news is that when I went around hollering that the M-16 rifle was bad, or that the CH-46 helicopter was bad, or the A-21E helicopter was bad, or the F-14 was bad, nobody really cared. They laughed about it. And it's a joke that the military equipment doesn't work. Everyone joked about the so-called 'smart bombs' that weren't very smart, or the stealth bomber. You know the pictures, that everything is just sort of photographs so that you look at these war toys and everybody talks about them, but they don't really care that the kid that's running it, an eighteen-year-old boy, is going to get killed. That's not important, because eighteen-year-

old boys in the United States are not important. You can feed 'em drugs, you can feed 'em pizza, send them to the Military and have them go crush 8,000 Arab boys—then hang a medal on 'em, give 'em a flag-draped coffin and you're in fine shape. And that's The American Way; that's how they feel about boys.

But the cannon-fodder in this war is 'Joe Six-Packs'—the consuming public and Joe Six-Packs. You can fry his kid, he doesn't give a damn, but don't get into my genitals, or my hairline or my breasts, you know. That's the problem.

G: For the first time, I'm having trouble following you.

L: Well, what I'm saying is that average American adult is more driven by his or her hairline, how hard his penis is or whether her breasts are soft, than they are about the well-being of their son. So, basically, I used to run around the country and say that trichlorethylene causes birth defects and learning disabilities

and childhood leukaemia; and everybody said: "Well, that's irresponsible. We need more studies and more epidemiology."

G: Well, what is that?

L: It's degreaser in the water. It's very common.

G: In drinking water?

L: Yeah, yeah. Then, I used to run around the country saying the same chemical causes wrinkles and impotence and soft breasts, and snap!—it's illegal!

The bottom line—and so now we are getting to Joe Six-Packs—and, like I say, the M-16 rifle doesn't work and the F-14 doesn't

fly, and they even make a goddamned movie about it and nobody gives a damn.

You know, *Top Gun* was all about the fact that the F-14 didn't work, and yet nobody even picked it up. I mean, the goddamned machine doesn't work in combat, but that wasn't what people saw. They saw this 'honcho' kid running around.

But they do know that if they can't get it up that night, maybe it's the trichloroethylene in the water—and I'm getting to them, and that's one of the reasons that the chemical companies hate my guts.

G: I'm surprised they let you live!

L: They can't do me in.

"...in the State of California, as late as five years ago, it was illegal to say bad things about pesticides and herbicides. You could get your licence taken away."



G: No?

L: No. Yes, they can. The only people who could do it are people who are friends, and it can happen.

G: You have protection?

L: Yes, ma'am.

G: Like Joe?

L: Yes, ma'am. It's not Joe. It's not Joe at all. It's professionals. Government-paid professionals.

G: They're your friends?

L: You'd better believe it. I gotta tell you, these guys are very honourable and they have the same goals that I have. They are good people. They just play hard ball.

G: That goes over my head, too.

L: That you don't have to know.

So right now, I'm hated more than Ralph Nader was hated at his peak because I'm getting to Joe Six-Packs. And of course Bill Rea and I vie for who's "No. 1 Quack" in the country. I've been written up in *Forbes Magazine* and *Galileo's Revenge*. The latter was used by Dan Quayle in his attack. It's part of the *Tort Reform Act*. They talk about "junk science" in the courtroom, and I'm the "junk scientist". It's a very widely used book by the chemical companies. The author's name is Peter Huber.

G: So how did you get into environmental medicine (clinical ecology)?

L: Through Phyllis Saifer.

Basically, then, after kind of running amuck with the university and all of the politics, I went into the practice of pathology. I still stayed at the university and my wife is still at the university, but I went into the private practice of pathology. I'm a pathologist.

I was running the first immunology lab in the area in the late 1970s, and this colleague of mine, Phyllis Saifer, whom I thought was a "quack"—a delightful quack, but a quack—used to run around talking about these people who had strange reactions to perfumes and cigarette smoke and all that kind of stuff. So I kinda shined around because she was a real nice lady, and I said, "Why don't you measure T-cells?"

I don't know why I said that. I am the first person upon whom

T-cells were ever tested. I'm in the first paper ever describing T-cells, so I am very familiar with T-cells. And at the time I thought I knew all there was to know about T-cells, and at that time I was an arrogant academic anyway.

So then one day my tech came into the office and said: "There is something wrong with our assay because the controls are fine, but patients are all low." So I went in and looked, and they were all Phyllis' patients! And so then I began to interview the patients and they all had the same strange symptoms.

To make a long story short, it made logical, perfect sense. What was going on was that toxic chemicals were damaging their immune systems and they were developing autoimmune disease. It was perfectly logical.

In the meantime, being a lousy businessman, busting my own lab, I decided to go into private practice, and since she had such an interesting patient population—and since her office was closer than my other friend's, who is a traditional allergist, and I loved them both, but she was closer—I decided to go to her office to learn how to practise medicine. And so I worked with her and she taught me how to run a practice. You know, worker's comp and all that business.

At that point she told me about a controversy between the clinical ecologists and the ordinary allergists, and I couldn't believe it! I couldn't really believe that the allergists were going to say something about what clinical ecologists did,

because as far as I knew, it was kinda like a left-handed surgeon and a right-handed surgeon arguing about how to take out a gall bladder. And it didn't make sense. In the beginning, I didn't believe it.

But then I began to see, indeed, there was this controversy, and I began to question what it was. And they started talking about it's the allergists who are worried that the clinical ecologists are going to take their revenues away. I said, "No, that's not it. It's not that at all. Doctors aren't smart enough to do that. There's something more there."

Then I began to look a little closer, and I began to say: "Gosh, you guys are talking about food allergies, and you're talking about allergies to chemicals. What does the food industry and the chemical industry have to do with this so-called 'battle'?"

I began to look, and lo and behold! There it was: funds, *directly* given to the academic allergists to attack us, from the drug companies and the nutrition companies.

G: Really? This wouldn't be a research contract, this would be like perks?

L: Right. There are even *bounties* now being given by drug companies to go after doctors who treat nutrition.

G: Some doctors in New York have lost their licences.

L: I know. I'm involved with a lot of those things. Anyway, so people are given bounties to turn these people (doctors) in.

G: You mean, like a patient will go and turn them in.

L: Yes. Or a doctor will be given 'x' thousands of dollars in order to turn in a doctor. Yes. And this is well-documented.

G: And this is being done to protect the food industry and the chemical and drug industry?

L: Yes. I can go on that in the State of California, as late as five years ago, it was illegal to say bad things about pesticides and herbicides. You could get your licence taken away. You could make love to your patients (unethical), you could do drugs intravenously (illegal), you could sell drugs out of your office, and

"There are even bounties now being given by drug companies to go after doctors who treat nutrition."



you'd be okay. But if you treat with nutrition or preventive medicine, you're risking your licence.

I could go to any hospital in this state, because I'm qualified in cancer, and give 5-Fluorouracil to a colon cancer and kill them. I can show you now twenty articles that prove that 5-Fluorouracil doesn't work in colon cancer. If I used this same patient and hung a bottle of intravenous vitamin C on that same patient, I risk losing my licence, even today. Why?

It's the companies. It's the chemical companies. It's the drug companies. That's what it's all about. So it's pretty clear that this particular controversy between clinical ecologists and conventional allergists has nothing to do with the science of medicine. It has to do with economics.

G: I didn't realise on what scale.

L: Oh, it's enormous!

G: As a sociologist, I just thought it had more to do with the stuff you learn which becomes your 'reality', and this is a *threat* to reality when these other people are doing something else. I thought it was on that level that the problem existed. I didn't realise that it was much more, you know, organised.

What I don't understand—what I wanted to ask you, if you can explain it to me—is that people like to think of themselves as good people, okay; so how do these doctors who are bought off, maintain their self-image as good when they are harming patients? Isn't there some self-deception involved?

L: Um-huh.

G: Like, they feel they believe that anyway, so it's okay to take the money?

L: To some extent, yeah. Everybody's got car payments. That's what it's all about. And, yeah, they'll lie and cheat and steal and testify. The Nazis testified. And I don't know that the Nazis were all bad. Hughes is no better than Hitler was.

G: How's that?

L: I described to you what was going on. The major difference between Hitler and Hughes was that Hitler went after Jews. Laotians and Cambodians didn't scream quite as loud as the Jews did.

G: Well, they talk another language.

L: And they looked different. The difference between the Arab government and the American government is the Arabs sacrifice 14-year-old boys for greedy politicians and the Americans sacrifice 18-year-old boys for the same reason, so I guess the Americans are a little more honourable. Who knows? Yeah, let's face it. The bottom line is that these people are scoundrels, but they justify themselves. Carnegie was classically a scoundrel and so was Rockefeller, but they put a lot of money into that. What do you think that Nobel did? He made dynamite to blow people up. And we have the Nobel Prize. I mean, give me a break. People are proud of having a Nobel Prize. What for? They made the money from blowing up women and children. If you didn't know that, it's because you didn't want to know.

DESERT STORM SYNDROME HAS A NAME

G: Now, some of the Gulf War vets have come down with ailments.

L: Yes.

G: And a lot of doctors say, "Well, this is just stress."

L: Right. They have to, in order to keep their licences.

G: Others say, "Well they had this oil smeared all over them. They were breathing the fumes.

L: Ha! What do you think?

G: Who was the one who interviewed Dr Rea before they got sick? And who published "Can oil-fire smoke affect your health?" in *Blazing Tattles?* (Me, me, me!)

L: Right!

G: It affected my health—I was living in Florida and I had to wear a mask some days to go out.

L: Right.

G: Because I am extremely sensitive.

L: Do you remember we used to use X-ray fluoroscopy to see if our shoes fitted. If you talk to a ten-year-old boy today, he would say: "God, I can't believe people would be that stupid. It's gotta be a lie." And if we are successful, ten years from now I'm gonna tell a ten-year-old boy that we used to spray pesticides from airplanes and this boy will say: "God, that's stupid, those are poisons. You wouldn't do that!"

G: I lived in Florida years ago and they sprayed right over my house!

L: There are several reasons for the problems we have. One is the inertia of the average medical community, which is legitimate. Physicians should be conservative, but the problem is here that there are special-interest groups which are funding the maintenance of the status quo. These are the manufacturers of Mevacore, Inderol, steroids and all that.

G: So it's the food industry and the drug industry, and now you have your defence contractors.

L: It's exactly the same mentality and ethics as when they ran the wars. They burned the Reichstag, they sank the Maine, Pearl Harbour was a 'sneak' attack, the Gulf of Tonkin incident was a nefarious thing. It's the same bullshit all over again. Same thing. But the difference, I say, is that we now have a foothold because the cannon-fodder is a 'real American'. It's not a 17-year-old boy: it's a guy who can buy a politician, who can invest in a political

action committee, who can buy an attorney.

I mean, real Americans—people who hold mortgages, and pay taxes, real Americans—are being poisoned. They are dying of cancer.

G: How are they making the connection? I mean when I was a kid, cancer was 'an act of God'. Like my father's uncle died of cancer when I was four years old. In those days, it was an act of God. But today, most cancers are environmentally produced.

L: Right. Right.

G: So how does the adult American know this now? Because there's so much stuff in the mass media?

L: One of the reasons is that our lawsuits are high profile. In fact, I've got to tell you honestly that I got involved with the clinical ecologists for this very reason, so we could get Joe Six-Packs involved. Unfortunately, I made a lot of trouble for the clinical ecologists because they were considered to be a sweet little group of nothings until I started moving them, and then they are really just considered the pariah.

There's an attorney who is the chief counsel for Monsanto, and after the District Court's decision on *Sterling vs Velsicol*, the Chemical Manufacturers Association had an emergency meeting. This same attorney at that time was the chairman of the committee, and he's quoted as having said that if people believe Levin's

"The same thing that these Gulf War people got. It does have a name: Chemically-Induced Immune Dysregulation."

Continued on page 72

"World System" of Wireless Transmission of Energy

Dr Nikola Tesla was once one of the most famous people on the planet.

Today he is written out of our scientific and educational textbooks.

What did he discover that caused his fall from grace?

by Dr Nikola Tesla
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The transmission of power without wires is not a theory or a mere possibility, as it appears to most people, but a fact demonstrated by me in experiments which have extended for years. Nor did the idea present itself to me all of a sudden, but was the result of a very slow and gradual development and a logical consequence of my investigations which were earnestly undertaken in 1893 when I gave the world the first outline of my system of broadcasting wireless energy for all purposes.

In several demonstrative lectures before scientific societies during the preceding three years, I showed that it was not necessary to use two wires in transmitting electrical energy, but that one only might be employed equally well.

My experiments with currents of high frequencies were the first ever performed in public and elicited the keenest interest on account of the possibilities they opened up, and the striking character of the phenomena. Few of the experts familiar with the up-to-date appliances will appreciate the difficulty of my task with the elementary devices I had then at command, as accurate adjustments for resonance had to be made in every experiment.

The transmission of energy through a single conductor without return having been found practicable, it occurred to me that possibly even that one wire might be dispensed with and the Earth used to convey the energy from the transmitter to the receiver.

HIGH FREQUENCY DYNAMO AND "TESLA COIL"

Manifestly, currents such as were ordinarily employed in the arts and industries were unsuitable, and I had to devise special generators and transformers for furnishing impulses of the requisite quality.

First I perfected high frequency dynamos which were of two types: one with a direct current field excitation, and the other in which the magnet was energised by alternating currents of different phase, producing a rotating magnetic field. Both of these have found employment in connection with my broadcasting wireless system. In the first machine I exhibited, an efficiency of ninety per cent was attained, but it was necessary to run it in hydrogen or rarefied air to minimise the otherwise prohibitive windage loss and deafening noise.

In order to overcome the inherent limitations of such machines, I next concentrated my efforts on the perfection of a peculiar transformer consisting of several tuned circuits in inductive relation which received the primary energy from oscillatory discharges of condensers. This apparatus, originally identified with my name and considered by the leading scientific men my best achievement, is now used in every wireless transmitter and receiver throughout the world. It has enabled me to obtain currents of any desired frequency, electromotive force and volume, and to produce a great variety of electrical, chemical, thermal, light and other effects: Roentgen, cathodic and other rays of transcending intensities. I have employed it in my investigations of the constitution of matter and radioactivity, published from 1896 to 1898 in the *Electrical Review* in which it was demonstrated, prior to the discovery of radium by Mme Sklodowska and Pierre Curie, that radioactivity is a common property of matter and that such bodies emit small particles of various sizes and great velocities, a view which was received with incredulity but finally recognised as true. It has been put to innumerable uses and proved in the hands of others a veritable lamp of Aladdin.

As I think of my earliest coils which were nothing more than scientific toys, the subsequent development appears to me like a dream.

THE "MAGNIFYING TRANSMITTER" AND EARTH RESONANCE

While I was perfectly convinced from the outset that success would ultimately be achieved, it was not until by slow improvement I evolved the so-called "Magnifying Transmitter" that I obtained convincing evidence of the feasibility of wireless power transmission on a vast scale for all industrial purposes.

The chief discovery, which satisfied me thoroughly as to the practicability of my plan, was made in 1899 at Colorado Springs where I carried on tests with a generator of fifteen hundred watt capacity, and ascertained that under certain conditions the current was capable of passing across the entire globe and returning from the antipodes to its origin with undiminished strength. It was a result so unbelievable that the revelation at first almost stunned me. I saw in a flash that by properly organised apparatus at sending and receiving stations, power virtually in unlimited amounts could be conveyed through the Earth at any distance, limited only by the physical dimensions of the globe, with an efficiency as high as ninety-nine and one-half per cent.

The mode of propagation of the currents from my transmitter through the terrestrial globe is most extraordinary considering the spread of the electrification of the surface. The wave starts with a theoretically infinite speed, slowing down first very quickly and afterward at a lesser rate until the distance is about six thousand miles, when it proceeds with the speed of light. From there on it again increases in speed, slowly at first, and then more rapidly, reaching the antipode with approximately infinite velocity. The law of motion can be expressed by stating that the waves on the terrestrial surface sweep in equal intervals of time over equal areas, but it must be understood that the current penetrated deep into the Earth and the effects produced on the receivers are the same as if the whole flow was confined to the Earth's axis joining the transmitter with the antipode. The mean surface speed is thus about 471,200 kilometres per second—fifty-seven per cent greater than that of the so-called Hertz waves—which should propagate with the velocity of light if they exist. The same constant was found by the noted American astronomer, Capt. J. T. T. See, in his mathematical investigations, for the smallest particles of the ether which he fittingly designates as "etherons". But while in the light of his theory this speed is a physical reality, the spread of the currents at the terrestrial surface is much like the passage of the moon's shadow over the globe.

It will be difficult for most people engaged in practical pursuits to measure or even to form an adequate conception of the intensity of inspiration and force I derive from that part of my work which has passed into history. I have every reason to consider myself one of the most fortunate men, for I experience incessantly a feeling of inexpressible satisfaction that my alternating system is universally employed in the transmission and distribution of heat, light and power and that also my wireless system, in all its essential features, is used throughout the world for conveying intelligence. But my pioneer efforts in the later field are still grossly misunderstood.

SHORT-WAVE BROADCASTING AND "BEAM" TRANSMISSION

Nothing illustrated this better than the recent demonstrations of a number of experts with very short waves, which have created the impression that power will be eventually transmitted by such means. In reality, experiments of this kind are the very denial of the possibility of economic transmission of energy. I have investigated this special subject experimentally during a great number of years, using sometimes waves as short as one millimetre, and have found even these unsuitable for such a purpose, not to say that their production is inseparable from great waste.

In order to secure good results by this method, it would be necessary to employ radiations of a wavelength incomparably smaller than the dimensions of the reflector, as radiant heat, light, infrared or ultraviolet rays. Notwithstanding my repeated explanations, experts do not seem to realise that no concentration of energy such as I attain in my wireless power system can or will ever be achieved through the instrumentality of reflectors, for in transmitting energy in this manner the receiver can collect only an amount proportionate to the area exposed to the rays, while in my system it draws the energy from an immense reservoir in ever so much greater quantity.

More than twenty-five years ago, my efforts to transmit large amounts of power through the atmosphere resulted in the development of an invention of great promise, which has since been called the "Death Ray"...

Similar considerations apply to directional transmission by short reflected waves or "beams". If we could produce economically electric vibrations of a frequency approximating that of radiant heat waves, efficient reflectors without appreciable dispersion, and prevent absorption, then such a mode of transmitting energy might become of great importance. But attempts to accomplish this purpose with relatively low frequencies are sure to prove futile. More than twenty-five years ago, my efforts to transmit large amounts of power through the atmosphere resulted in the development of an invention of great promise, which has since been called the "Death Ray", and attributed to Dr Grindell Mathews, an ingenious and

skilful English electrician. The underlying idea was to render the air conducting by suitable ionising radiations and to convey high tension currents along the path of the rays. Experiments, conducted on a large scale, showed that with pressures of many millions of volts, virtually unlimited quantities of energy can be projected to a small distance as a few hundred feet, which might be satisfactory if the process were more economical and the apparatus less expensive. Since that time, I have made important improvements and discovered a new principle which can be successfully applied without difficulty for various purposes in peace and war.

If I have understood the reports correctly, in the "beam transmission" with waves a few metres length, an oscillating circuit, consisting of a straight vertical conductor, is placed in the focal line of a parabolic surface, on which are placed many secondary straight wires parallel to the primary conductor. Now this disposition is entirely faulty and to all evidence inefficient, as the secondary system does not operate in the manner of a parabolic reflector but merely produces a confused echo. The correct arrangement would require primary and secondary conductors situated in two vertical parallel planes separated by a distance equal to one quarter of the wavelength. But even in this best form, such a transmitter can only be of doubtful practical value. The two wave trains behind the reflecting, or rather echoing, system do not

completely neutralise and there is considerable lateral dissipation. The energy of the primary system diminishes with the square of their distance, and this being also true of the secondary, the useful waves from the latter will suffer diminution of energy in proportion to the fourth power of their length. This means that only a very short wave can be used which, moreover, is unchangeable and difficult to regulate.

One must be shortsighted not to perceive that better results will be obtained if the capital is all invested in a single directional system of proper design for the power available increases much more rapidly than the cost of the plant. Assuming even that the beam arrangement works with ideal perfection, it must still be inferior, since the requisite radiant energy is producible at smaller expense with the single system, which has the further advantages that it can be adapted to any wavelength, is greatly effective in two directions and therefore of greater earning capacity. So palpably unsound is this scheme that I am at a loss to understand how it could pass the scrutiny of competent experts such as Dr W. L. Austin and John Stone.

THE "WORLD SYSTEM"

Since I began the construction of the first power plant in 1899, I have expressed myself repeatedly in regard to it and the plans I had previously formed through the medium of *The Electrical Review*, *Electrical World*, *Electrical Experimenter*, *Science and Invention* and other periodicals, notable *The Century Magazine* of June 1900, to which I contributed a lengthy article on the "Problem of Increasing Human Energy"; but certain facts must still be told. In the first place, the fundamental difference between the broadcasting system as now produced and the one I expect to inaugurate, is that at present the transmitter emits energy in all directions which, in the system I have devised, only force is conveyed to all points of the Earth, the energy itself traveling in definite paths determined beforehand. Perhaps the most wonderful feature is that the energy travels chiefly along an orthodromic line, that is, the shortest distance between two points at the surface of the globe, and reaches the receiver without the slightest dispersion, so that an incomparably greater amount is collected than is possible by radiations. I have thus provided a perfect means for transmitting power in any desired direction far more economically and without any such qualitative and quantitative limitations as the use of reflectors would necessarily involve.

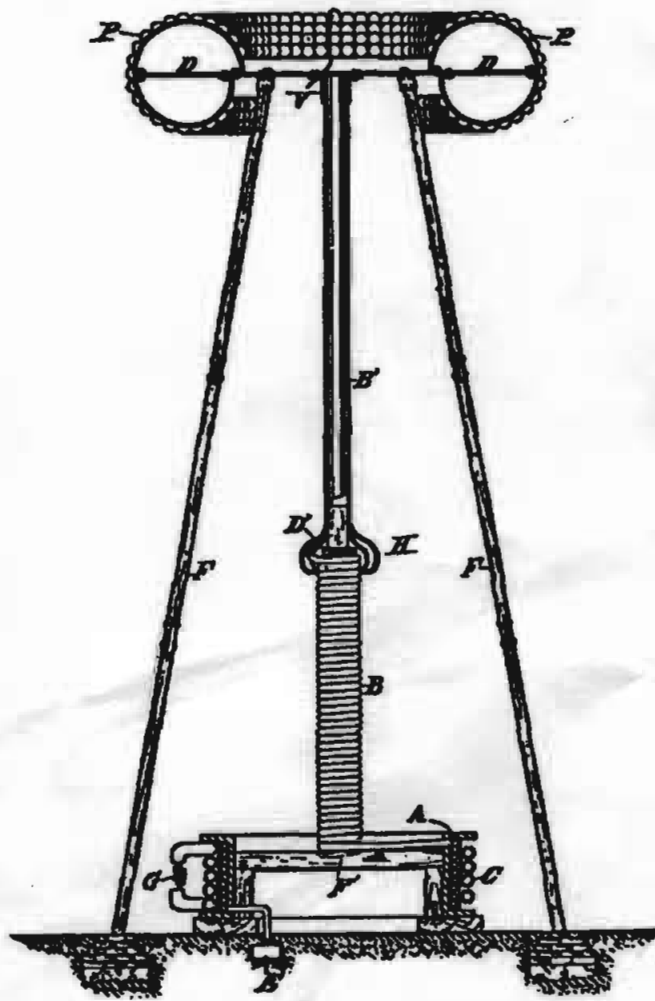
Another distinction is that my system is based entirely on resonance, while in present practice reliance is placed chiefly on amplification by auxiliary devices generally consisting of various forms of vacuum tubes which have been brought to remarkable

perfection. The foundation to their use was laid by Sir William Crookes, who discovered in 1876 that a highly heated conductor emits electrified particles. In 1882 a young French electrician, Vissière by name, observed that a current issues from the filament of an incandescent lamp, and made careful measurements with specially prepared bulbs, some of which I had opportunity to witness in Ivry-sur-Seine, a suburb of Paris, at the time. But these phenomena found no application in the art until, in 1892, I produced a vacuum tube detector superior in sensitiveness to any other form of which I have knowledge. Amazing progress has been since then achieved, but the employment of the modern vacuum detectors and amplifiers is an impediment to advance in the right direction and most of the troubles experienced in broadcast-

ing are due to this cause. Until quite recently the transmitted waves were lacking in uniformity of length, rendering accurate attunement impossible. This defect has been in a measure remedied by control through quartz crystals, and now, for the first time, it is practicable to carry out important refinements for bettering the service.

The electromechanical process of producing isochronous oscillations is one of my earliest inventions and I have applied it in many ways with great success. Its application to the operation of existing plants secures important advantages, but in spite of this and other improvements, a change in the present apparatus and method of broadcasting is becoming daily more imperative, and for this reason I am anxious to resume the introduction of my "World System" with novel transmitters of great effectiveness and receivers of elementary simplicity. In my apparatus the isochronism is so perfect and attunement sharp to such a degree that in the transmission of speech, pictures or similar operations, the frequency or wavelength is varied only through a minute range which

need not be more than one hundredth of one per cent if desired. Statics and all other interferences are completely eliminated and the service is unaffected by weather, seasonal or diurnal changes of any kind. The system lends itself particularly to World Wireless Telephony and Telegraphy, as the current from the transmitter can be kept virtually constant and the control effected by a simple microphone without the elaborate means now employed. Any reasonable number of simultaneous and non-interfering messages is practicable and a speed of many thousands of words per minute can be attained in telegraphic transmission. The same principles are also applicable to operation through wires and cables. In 1903 I proposed to the Western Union and Postal Telegraph companies such multiplex transmission for their lines



but received no encouragement, mainly because the volume of business did not call for a great increase of working capacity. At a later date my improvements were introduced as "Wired Wireless", a quite inappropriate name inasmuch as the waves radiated from the wire are completely lost and of no effect on the receiver.

My plans for a power plant have been developed to the point of application, but I am still unable to say when I shall begin active work. There are no such difficulties in the way as confronted me from the outset, for at that time I was alone; now many are convinced that my undertaking is rational and practical. Needless to say that I am using every effort to give to the world my best and most important work as soon as possible and free of all blemish and flaw. I have in view a number of places which seem well suited for the purpose, but my warmest wish is to transmit power from Niagara Falls, where the first triumph with my alternating system was achieved.

One of the most important uses of wireless energy will be undoubtedly for the propulsion of flying machines to which power can be readily supplied without ground connection, for although the flow of the currents is confined to the Earth, an electromagnetic field is created in the atmosphere surrounding it. If conductors or circuits accurately attuned and properly positioned are carried by the plane, energy is drawn into these circuits much the same as a fluid will pass through a hole created in the container. With an industrial plant of great capacity, sufficient power can be derived in this manner to propel any kind of aerial machine. This I always considered as the best and permanent solution of the problems of flight. No fuel of any kind will be required as the propulsion will be accomplished by light electric motors operated at great speed. Nevertheless, anticipating slow progress, I am developing a novel type of flying machine which seems to be well suited for meeting the present necessity of a safe, small and compact "aerial flivver" capable of rising and descending vertically.

Television, as conceived by me in 1893, will be another valuable and timely application. At that time I advanced the idea that the formation of a clear mental image of external objects is accompanied by a reflex action on the retina, making it possible to read thought and even to project the images conceived on a screen and render them visible to an audience. This would be of inestimable consequence on all human relations, but the idea cannot be realised until some way is found to lay bare the retina. Continued reflections on this subject led me to evolve apparatus for transmitting instantaneously true vision without any moving devices, and in 1900 I had already solved three of the problems which confronted me, namely: to individualise and isolate a very great number of channels or "nerves"; to convey to the receiving apparatus energy in sufficient amount; and to make the vision of the moving images independent of distance. Eventually also I hope to overcome the shortcomings of the selenium cell by a different device.

I am most interested, however, in the perfection of broadcasting which is now carried on with unfit apparatus and on a commercially defective plan. The transmitters have to be greatly improved and the receivers simplified; and in the distribution of wireless energy for all purposes, the precedent established by the telegraph, telephone and power companies must be followed, for while the means are different, the service is of the same character. Technical invention is akin to architecture, and the experts must in time come to the same conclusions I have reached long ago. Sooner or later my power system will have to be adopted in its entirety, and so far as I am concerned it is as good as done. If I were ever assailed by doubt of ultimate success, I would dismiss it by remembering the words of that great philosopher Lord Kelvin who, after witnessing some of my experiments, said to me with tears in his eyes: "I am sure you will do it."

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**MAD SCIENTIST'S COOKBOOK:
THE LUCID DREAM MACHINE**
by Peter Nielsen

HANGING LUCID

Everyone has dreams. We often remember them after we wake up. What makes lucid ('loo-syd') dreams so mind-blowing is that at some point during the dream you know that you are dreaming—without physically waking up. By contrast, in a non-lucid dream everything seems unquestionably real to the dreamer. Just as in waking life, the awareness is 'locked up' by perceptions of a body which owes itself to its immediate environment. You can't ride a horse through a brick wall. Both are the same density, woven of the same stuff. What's needed instead is a quantum leap of awareness itself. This lights up the exit door, letting us step back into a wider perspective, away from the false impression of a fixed reality. The dreamer is no longer part of the dream, but can choose to remain in it.

Imagine how you would feel if, while reading this magazine, you suddenly flashed, "This is incredible! I must be dreaming." What if you then knew, with absolute certainty, that nothing being per-

ceived had any ultimate reality, that your real self was safe somewhere else in the real world, waiting for your return, and you could do anything with impunity without pain or consequence. Try to simulate this feeling now. Feel the elation rising in your chest? This is immortal life-energy, and we are sitting on it all the time, like a cork in a bottle of champagne.

POWER DREAMING

In lucid dreaming, another spooky thing happens: the recognition of unreality gives you instant power over your own perceptions. In other words, you can mould the content of the dream—and everyone in it—as it takes shape. It's done the same as you would picture something in your mind right now. Let's check it out. Close your eyes and visualise a city street. Then change it to a deserted beach. Note the 'plastic' stage in between. Watch how your eyes project the image and interact with your concentration. We are the original virtual reality machine, not a passive viewing process at all—yet, paradoxically, gripped by our environment. This meeting of inner and outer pressures defines each individual consciousness. Like a particle of dust in a raindrop, the body-self sort of floats in the

middle. However, in a lucid dream, the scenery is reflected back to us mostly from within. Anything seemingly 'out there' feels inherently 'riskless' or native to one's inner core. Ultimately, however, outside and inside are the same. In lucid dreaming, we go everywhere by going nowhere. The sense of freedom is incredible.

Time also moves faster in dreams. Think of all the heroics, psychodrama or animal instincts you could invite out of your subconscious for a one-night stand. Steven LeBerge, the pioneer who documented lucidity in the lab with prearranged eye signals from the dream-state, says "...when you dream, you do something to your brain that's as if you've actually done it. So, there are strong relationships between dream content and physiology." Dreaming is a softener, healer and mediator of both inner and outer selves. It was a key element in 'primitive' cultures where both worlds were seen as one. Without this balance today, we are weighed down and embittered by the apparent finality of material life. It's also the perfect space for overcoming self-doubt or fear. Mirroring their new sense of liberation, many dreamers fulfill a deep urge to fly. It seems to be a universal expression of totality. However, even a moment of doubt drags one down like lead leotards. Think of flying as natural. That's all. To keep things light, I'll let you fantasise about what others get up to. We've seen it all on TV. This is lurid dreaming.

GETTING THERE IS BEING THERE

If there is a destination, there must be a trip. Increased frequency of lucid dreams is a natural part of spiritual growth. Here are a few proven techniques which can be used with a dream machine or on their own. They should be done every day for a period of time.

1) Set your alarm to wake up about two hours before usual. Do 'mindfulness' meditation, such as counting your breaths, for about thirty minutes. Return to bed and lie on your right side, as recommended in Tibetan 'dream yoga'. Let yourself drift off



to sleep, anticipating that you will have a lucid dream. You can even repeat "I am dreaming" as you go.

2) Keep a diary of your dreams to stimulate dream awareness. Do all your remembering the instant you wake up, and write it all down afterward.

3) During the day repeat the phrase: "Next time I am dreaming, I will realise that I am dreaming." Eventually, you will find yourself repeating this in your sleeping dream and recognise your transcendent identity.

4) Periodically during the day, question (yourself) whether you are dreaming. How can you tell? Being awake might be another dream, an analogy not lost on mystics. Practise any orientation technique you might use in a dream, such as those suggested in the next section. Usually, the first experience of lucidity comes from realising you are doing something grossly out of character, impossible or 'bizarre'—for instance, if you were reading NEXUS magazine, and it suddenly turned into *Reader's Digest*.

5) You can have fleeting lucid dreams after sex in the morning, since the astral body is already slightly interested. Sleeping in pyramids or other 'charged' places also helps, as does wearing a hood. Aside from magic potions, researchers find

taking the herb gotu kola and vitamin B6 for several nights makes dreams more vivid and surrealistic. The brain chemical acetylcholine is also connected with REM sleep and, to a lesser degree, norepinephrine and serotonin. The latter occurs mainly in bananas. These are not recommendations.

RAZOR'S EDGE

How does one recognise a dream? We always think we're awake, and thereby make anything 'real' by inference. So you can't really count on the unconventionality of the surroundings. However, even when lucid, most people still have the faint awareness of another body 'back there' in the bed. This is a good indicator. Some call this the 'silver cord'. Normally, unless we're having a bad trip, we avoid focussing on this or it's meat in the sheets again.

Instead, tread lightly upon the dreamscape, dividing your attention simultaneously between your 'knowingness' of its illusory state, and impartial observation. This is the occultist's 'narrow way', 'pathless path', 'being in the world but not of it', etc. When looking around, keep shifting your gaze. If you fixate, you're lost. You will then feel your power of attention or vitality slipping away. Any manipulation of the dreamscape exacts the same price. Sometimes it helps to repeat: "It's a dream,

it's a dream." Or pick some reference point on the dream-body, like your hand, to return to for consolidation when your concentration is slipping. Another giveaway to dreaming is that familiar objects will often appear visually distorted, or indistinct.

HIGH-WIRE ACT

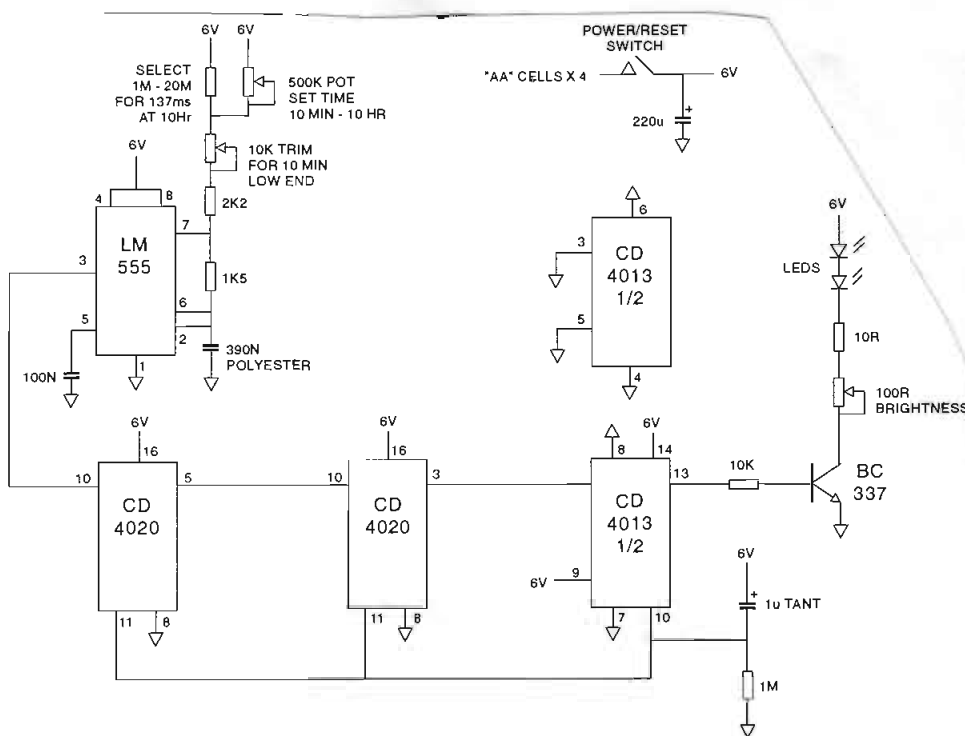
The above practices can be augmented by some new gadgets on the market, sold by lucid dreamers. Foremost seems to be The Lucidity Institute. You can find out more, buy books or become a member by writing to 2555 Park Boulevard #2, Palo Alto, CA 94306, USA. Their *Nova Dreamer*, priced at about US\$275, is a hot product. You put on a mask with rapid eye movement (REM) sensors to tell it when you are actively dreaming. Light-emitting diodes (LEDs) then come on, momentarily infusing the dreamscape with a soft red glow—your cue that you're turned on and in dreamland. This state of induced lucidity can last from a few seconds up to an hour, after which most people wake up immediately with a very righteous 'high', and no hangover.

Well, it's not always that perfect. Initially, the cueing light just wakes many people straight up, like a nuclear firestorm. But if you stick with both the exercises and the machine, you too will experience the ultimate reality of transmigrational consciousness, the relativistic nature of phenomena, and a certainty of life after sleep. With this in mind, let's wave around our soldering irons, and offer up the sublime incense of smouldering resin.

"THE DREAM-BUSTER"

This abbreviated dream machine does not have REM-sensing capability. Instead, you set the timer—anywhere from about 10 minutes to ten hours—to turn the LEDs on. It's similar to the Lucidity Institute's earlier *DreamLink*, which sold for about US\$195. You can make ours for about \$30. The idea is to anticipate the time when you will most probably be dreaming. This might take a few tries. For most people, the first dream occurs between one and two hours after nodding off to sleep. Dreams then increase in frequency, with the most activity in the early hours of the morning.

Sew up a form-fitting sleep-mask with elastic headband to hold the LEDs in place over your eyes. Recess them into holes in some thin high-density foam. Do the wiring on the side away from your face, before sewing on a cover that will still let



Circuit Diagram of "The Dream-Buster"

the light shine through. If it's too bright, add an extra layer of something. Don't obstruct your breathing. We aren't going that far. Never operate the circuit on anything other than "AA" batteries. If all else fails, you still have a silent alarm clock, or a G-string with headlights.

Commercial dream machines have adjustment for how long the LEDs stay on, as well as timing for multiple ignitions in case the first one fails to notify. They also have a 'reality tester'. I think it's designed to keep 'positive thinkers' who are not asleep—but have convinced themselves that they are—from jumping out of windows, etc. It's a button on the front of the mask that lights up the LEDs when pressed. Obviously, in a dream it shouldn't work. A cheaper substitute that comes free with our project is to squeeze your nose. If you find yourself gasping for air, or passers-by avoid you, stay buttoned up.

ASTRAL PROJECTION

Lucid dreaming is like the first psychedelic that tells you that it's 'all in your mind'. After the initial rush, we need a direction. As you become more lucid in dreams, you may experience falling to sleep with continuity of consciousness. Normally we just 'blank out'. This twilight realm is usually first encountered just before waking up. For example, after a lucid dream you may find yourself in your own bed but still in your subtle body. Blink again, and you're awake.

Conversely, when dozing off watchfully, you may begin to retain consciousness through the transition when your astral

body 'leaves' the physical. With this technique you can 'hang around' the everyday world, visit actual places, people, etc. Spiritual adepts use it to enter the dreams of others, or as a training ground for leaving the body intentionally at the instant of death. If you feel a rising or 'rocking' energy, you are getting very close to a mini-death. Clear your mind, relax and let it happen. The feeling is exquisite—energy surging at a higher octave. This is astral projection, not our topic really, but why not be prepared? In the process, there is a sort of crossroad. If you see spontaneous pictures, i.e., dream fluff, sometimes called hypnogogic imagery, you are getting sucked into the planetary unconscious. Put your attention gently back on the sensations of your body or you're off to 'blanksville'. Not bad advice for any time, actually.

CIRCUIT BOARD OFFER

Readers can order a completed and calibrated "Dream Machine" circuit board for \$45.00, plus \$5.00 postage, from Peter Nielsen Electronics, PO Box 87, Byron Bay NSW 2481. Allow one to three weeks for delivery. The LEDs are on fly-wires. You supply the case (optional), batteries and mask (essential). For research use only, at your own risk.

Disclaimer: You are probably still dreaming, and the above article is not real. Therefore, do not blame the author or NEXUS Magazine about anything else that happens from now on.

If we dream dreams, who dreams us? ∞

THEORY TIES ELECTRICITY TO EARTHQUAKES

Since there's no way to prevent earthquakes, the one thing people want to know is when they're likely to hit.

Now, some scientists think they have part of the answer: they believe earthquakes may telegraph their intentions using the same force behind telegraphs, telephones and most other communications technologies—electricity.

Although that notion is far from accepted as fact by mainstream geologists, many consider it a serious possibility worth studying.

Several respected electrical engineers and physicists expect that, one day, forecasters will watch for changes in electromagnetic signals emanating from within the Earth, much as today's meteorologists watch for weather conditions that spawn hurricanes and tornadoes.

Chinese scientists have been studying this phenomenon for nearly 30 years and have amassed a huge database on the subject—but have become reluctant to share their database with scientists in other countries, said Jean Chu, a former visiting scientist at M.I.T., and now with the Chinese Academy of Science's Institute of Geology.

Antony Fraser-Smith, a Stanford University electrical engineering professor, is a leader of electromagnetic quake-prediction research in the United States. In 1989 he caused a scientific stir when he noted significant changes in electromagnetic signals about two weeks before the quake that rocked the San Francisco area.

(Source: *Anchorage Daily News*, 24 May '94)

REPORT ON THE INTERNATIONAL SYMPOSIUM ON NEW ENERGY

Held during May 1994, in Denver, Colorado, the symposium advertised such speakers as: Yull Brown, Bruce Cathie, Robert Adams, John Searl, Paramahansa Tewari, Harold Aspden, Hal Fox, Bruce DePalma and many others.

Several of the advertised speakers cancelled out for various personal reasons. These included Robert Adams, Bruce Cathie and Bruce DePalma, all from New Zealand.

Prior to the conference, NEXUS was contacted by four or five people in regard to the authenticity of the Adams Pulsed Electric Motor Generator. It appears that not everyone is getting the desired over-unity results with Adams' machine, and some people have been crying 'hoax' on the matter.

For the record, NEXUS has been contacted by several people who are more than satisfied with the results they have obtained from Robert Adams' research. We would like to point out that the device demonstrated by Bill McMurtry at the conference is not representative of the full spectrum of Adams' research, and certainly did not have the blessing of Mr Adams.

Jeane Manning, a Canadian writer who has a keen interest in the exploits of these researchers, attended the conference and offered the following report.

LIVING LEGENDS OF NEW ENERGY SCIENCE

by Jeane Manning

A film-maker had to take time out to compose herself when she completed an interview with John Searl. The inventor from England was at the New Energy Symposium in Colorado in May 1994,

when she asked him about his struggles to bring an unusual energy generator to the world.

"He was nearly in tears at the end, and so was I," said Christine Ferguson, who is making a documentary about the new energy field.

Searl's experiences include being forcibly confined for about a year, a disastrous fire which burned his records and equipment, and other obstacles. He built his first levitating disc in the early 1950s. It was to have been only a generator, but it unexpectedly accelerated, lifted into the air and sped away from its engine. Ever since then, he has worked toward making flying craft which could be controlled instead of being lost in space. Today, Searl and his associate John Thomas from Rochester, New York, are trying to get funding for refining the Searl Effect Generator (SEG).

As recently as 1982, officials invaded Searl's home in Berkshire and allegedly confiscated a home-power SEG he was testing after tearing out his home's electrical wiring. The local electricity board charged him with stealing electricity by means of a unique device, and sued him for a large sum of money, as the story goes. It was enough to break up a marriage and plunge a man into depression.

However, it was a happy and healthy John Searl who gave a talk and a workshop at the symposium put on by the Institute for New Energy.

Searl was one of a number of stars at the INE meeting. INE was started in 1992 by the International Association for New Science (IANS). The excitement and expressions of optimism at their symposium surpassed even their first gathering in Denver last year. Only about 300 people showed up, but so many of those were avid networkers that the web of connections between countries grew almost visibly.

Exchanges between attendees were perhaps more important than the fact that they were inspired by shaking hands with legendary figures in the 'free energy' field such as retired Lt. Col. Thomas Bearden of Alabama.

A sampling of other speeches:

- John Hutchison of Vancouver described experiments of the 1980s: metal samples had anomalously bent or shredded as well as levitated in action-at-a-distance fields.

- Shuji Inomata gave a talk on plans for a superconducting-magnet version of the "N-machine", named by American physicist Bruce DePalma who now lives in New Zealand.

DePalma, Bruce Cathie and Robert Adams of New Zealand had been invited to speak at the conference but cancelled out in the final days of symposium planning.

INE organisers had to confront the question of Adams' magnet motor: whether it really puts out more power than it takes to run it. Their attitude was: "We're here to help, not to condemn." The model of the Adams device brought to Colorado by Bill McMurtry of Australia tested out at under-unity instead of over-unity. Instead of dismissing the Adams invention, INE organisers left the door open for further investigation.

A stand-alone self-powered device which continuously puts out even one watt more than it takes to run it, would satisfy the research community, Harold Puthoff told the group. "This is a challenge I think can be met," he said.

Don Kelly of Florida successfully performed gravity drop experiments, to show the difference in rate of fall between charged material and materials which had not been given an electric charge. "I wouldn't have believed it if I hadn't seen it," was the comment of one engineer who

went into the session as a hardened sceptic.

Another highlight was an original Keely motor, owned by Victor Hansen of Iowa and explained by Dale Pond of Tulsa, Oklahoma. John Ernst Worrell Keely went down in history labelled as a fraud, but his findings are being vindicated in advanced science today.

The politics of energy were covered by Andrew Michrowski of the Ottawa-based Planetary Association for Clean Energy (PACE), and Brian O'Leary of Oregon, who was an energy critic and adviser to American presidential candidates. O'Leary, co-founder of IANS, proposes an international consortium which could rise above the forces of greed to make "appropriately-scaled free-energy devices" available.

At the symposium banquet, INE's outgoing president Toby Grotz handed out trophies to recognise pioneering researchers, and film actor Dennis Weaver reminded the crowd about the hot water we are in ecologically.

Wolfram Bahmann, European contact for PACE, read a tribute to Rolf Schaffranke, former NASA space program consultant, a pioneer of new energy research and author of the classic book, *Ether Technology*. Schaffranke passed on in April 1994 in Georgia.

Meanwhile back at the podium, there were so many fine speakers that we can't mention all the names and topics. For a list of videos and audiotapes, contact Backcountry Productions, 831 Alpine Street, Longmont, CO 80501, USA; phone (303) 772 8358.

Proceedings of the New Energy conference are in a 650-page book, soon to be available from The Institute for New Energy, PO Box 58639, Salt Lake City, UT 84158-8639, USA. ∞

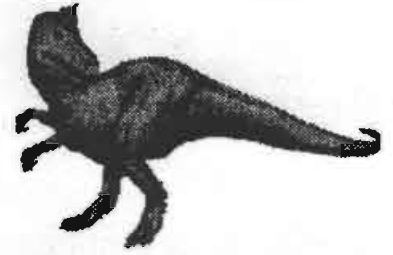
OXYGEN STARVATION CAUSED DINOSAURS' DEMISE?

A dramatic drop in the atmospheric oxygen level over time caused the dinosaurs to be slowly wiped out by respiratory stress: this is the suggestion put forward by four researchers at the annual meeting of the Geological Society of America in Boston.

Gary Landis, of the US Geological Survey, measured oxygen in microscopic air bubbles trapped in amber, a fossilised tree resin. He found that the amount of oxygen dropped from 35 per cent from two million years before the end of the Cretaceous period, to 28 per cent just after the end of the Cretaceous, the time when the dinosaurs all but disappeared. Today, the oxygen level is at 21 per cent—and falling.

The researchers propose that changes in the volcanic activity on Earth determine the various proportions of atmospheric carbon dioxide and oxygen levels, which in turn influence life on the planet.

(Source: *New Scientist*, 6 November 1993)



ANTARCTIC DINOSAUR FOUND

The fossilised remains of a new genus of dinosaur were recently discovered only 650 kilometres away from the South Pole.

The dinosaur, officially named *Cryolophosaurus ellioti* (frozen-crested reptile), most closely resembles the allosaurus, a two-legged dinosaur similar to the tyrannosaurus and common to North America.

The dinosaur, about nine metres long, has a distinctive bony crest rising above its brow, according to Dr William Hammer, a palaeontologist at Augustana College in Rock Island, Illinois.

(Source: *Sydney Morning Herald*, 7 May 1994)

PLANTS GROW WITH SOUND OF MOLECULAR MUSIC

Joël Sternheimer, a French physicist and musician, writes melodies that allegedly help plants grow, and has recently applied for an international patent covering his method of music-making.

The tunes are not random melodies: he chooses each note to correspond to an amino acid in a protein, and the full tune corresponds to an entire protein.

Sternheimer claims that when plants 'hear' the appropriate tune, they produce more of that protein. He also writes tunes that inhibit the synthesis of proteins.

Using simple physics, he claims to be able to translate into audible vibrations of music the quantum vibrations that occur at the molecular level as a protein is being

assembled from its constituent amino acids.

Sternheimer claims that in experiments, tomatoes exposed to his tunes grew two-and-a-half times larger than controls.

He also claims to have stopped an infection of the tomatoes with a mosaic virus by playing tunes that inhibited enzymes vital to the virus. The tunes are very short, he says, and need only be played once.

Sternheimer warns scoffers to be careful tinkering with the tunes because they can affect people as well. "Don't ask a musician to play them," he says. "You must be very careful." Sternheimer says that one of his musicians had difficulty breathing after playing the tune for cytochrome C too often.

(Source: *New Scientist*, 28 May 1994)



TRAIL OF THREE CROSSES
By Patricia A. Davey

My grandfather used to tell many stories when I was young of his travels around the world. He was quite an artist, too. His pen and ink sketches of faraway places, full of intrigue and mystery, graced the walls of his large, sunlit studio.

The tale I most loved to hear was about a journey he took in his youth, accompanied only by his faithful mule, to sketch the Andes Range of South America:

"I don't remember the exact reason I undertook this first journey. Perhaps it was

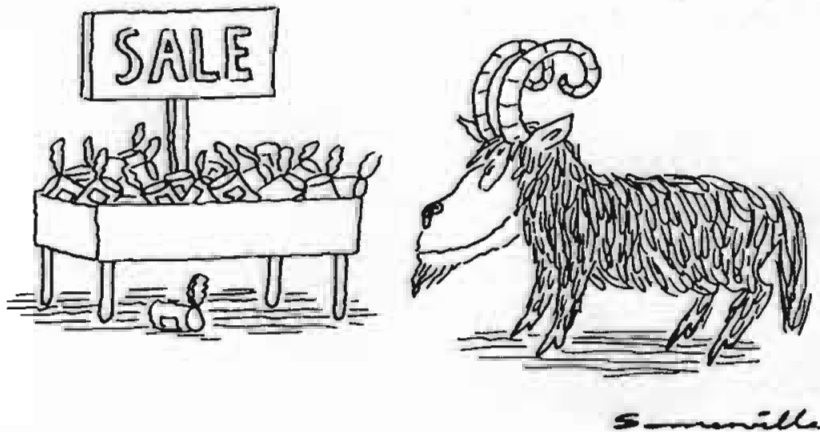
just because the Andes were there, remote, beautiful and very dangerous to travel in those days. I was young and restless, ready to go anywhere, see anything, so long as it was far away from home and school.

So I set out along the trails with Archer, my old black mule. We wandered here and there, and I got some good material for later paintings. One day, as we travelled slowly along the trail by a river, we met up with a very old man hobbling along. "You must take that branch," he quavered as we passed him by, pointing to a barely-used trail angling off away from the main stream. "It is your destiny!"

At first I thought it was a joke, but he stepped in front of me and continued to point, jabbing a gnarled finger at the air. So we turned off, on a whim, to follow the dim markings. I could tell the trail was very old and hardly used any more. Perhaps, I thought, it would lead me to an unusual place with magnificent scenery to sketch. We had followed the trail for several hours, climbing steadily up a deep canyon with a small stream bubbling cheerfully and the song of a distant hawk winging lazily above to keep us company, when I noticed the first sign of three crosses carved deeply in a large boulder almost blocking the trail. They were ancient, their outlines dimmed by the passage of time. They seemed to speak of ancient secrets long forgotten by everyone. I was intrigued and urged old Archer to a faster pace.

From there on I would come across more crosses, always carved in threes, and they were a very good guide as the trail was growing dimmer and harder to follow as we went. Obviously, we were the first to travel that way for many an age. That night we camped in a little box canyon off to the side of the main canyon. There was grass for Archer to crop to his heart's content, and a small sweet spring.

I sat by the fire and ate my rations, feel-



THE TWILIGHT ZONE

ing a peace and contentment that was rare for me in those days. I was a restless soul and loved to keep moving on. The next morning we started off early. Archer trotted swiftly up the trail even though it grew steeper as we went. He seemed caught up, eager to reach the summit. I caught his mood and we flew along until we reached the top. Below us spread a magnificent valley ringed with high peaks topped by eternal glaciers. To the north smoked a massive volcano and I could see evidence of many eruptions in the valley below—ancient and recent lava flows and ash. Hardly anything seemed to grow there, except by a wide, slow-moving river that traversed the centre. There trees stood and abundant grass grew, enough to keep Archer satisfied for many a day.

It was then that I noticed the huge statue carved in the cliffs by the river. Oh, it was magnificent, shining in the morning light, standing at least 100 feet high. The figure was of a bearded man staring into the distance, standing as if poised for danger. One arm was raised, a finger pointing to the sky. He was dressed in long robes and his sandalled feet touched the edge of an ancient lava flow that was washed by the edges of the river. I could see the statue had been there long before the lava had come. I sat on Archer, staring for a long time before signalling him to go forward.

There have been few times in my life that the sense of mystery has come so strongly upon me: at the Taj Mahal, and the Sphinx. Even those places, though, did not evoke the sense of ancient secrets to be

revealed as much as my fist sight of that statue.

I spent many days wandering around the valley, sketching the statue from various angles at various times of day. There was no clue to its origin, only the feeling of great age.

The lava had flowed maybe 10,000 years ago and the statue had stood even then! But it seemed so familiar. A week passed before I knew the answer. It was a statue of Jesus, I suddenly realised one morning with a gasp of amazement.

But how could that be? I could find no answer, but it definitely was He, for I saw the nail imprints in His hands and feet. I wondered why it had taken me so long.

We had camped by the statue. I raised my tent between the feet where it was more sheltered. On the day I finally recognised the statue, I noticed the three crosses carved on a large square slab to the right of the statue's feet. They seemed to say, "Come here and we'll show you." So I walked over and pushed hard against the stone, not really expecting anything to happen.

The mechanism hardly made a sound as the stone moved smoothly back into the cliff, exposing a long dark hallway. At the end, the stone moved to the side with an echoing thud, revealing a dark cavern of uncertain size. I grabbed my flashlight and walked swiftly through the corridor, thrilled and not a little afraid.

As I stepped into the room, it was suddenly illuminated by a cold, bright light that seemed to come from everywhere and

nowhere. Strange, tall, square machines stood against the far walls, the varicolored lights on their flat surfaces blinking and gleaming. There was some sort of air circulation that started up and the temperature became very cold, almost unbearable, but I didn't want to go back for a warmer jacket for fear the stone would close and I wouldn't be able to return.

At the front of the room—for I realised it was a room artificially carved and magnificently constructed—there was a huge metal chest, the lid open. There knelt the body of a man, badly decayed and dressed as a conquistador, its arms thrown into the contents up to the elbows, in an attitude of extreme agony. As I walked closer I could see the chest was filled with jewels, fabulous stones of great size. I paused but didn't touch them as I felt a sense of great danger to myself if I should do so.

To the side of the chest stood a sort of dais or podium where lights also flashed. The distinct impression of a man's right hand was to the front. I felt compelled, almost forced against my will to place my right hand into that impression.

How can I describe what next came upon me? Visions flashed before my eyes—the history of the ancient people who had built this place. What a civilisation they had worldwide, advanced beyond our wildest dreams, their knowledge spanning all our hard-won science and more. They navigated the seas and the air and even space, their huge vessels travelling between worlds as easily as we now sail a placid lake! They knew the whole solar system and many systems beyond.

The machine was showing me the history of their religion: how a great prophet had come, telling of the Universal Creator and how His son was to come one day to save the Earth. They built great temples, and, as long as they followed the wisdom taught there, the civilisation prospered.

But then there came a falling away, after ages had passed and the King had not yet come. The temples fell into disrepair and the civilisation became corrupt, evil. In this time, some who still followed the old religion fled to this high valley and built what I had discovered, for they knew their world was soon to be destroyed forever. It was a time capsule left to the future.

The machine paused, then asked, "Has the King come?" I stood silent, amazed that I could understand the words. My mind grew blank. I whispered, "Yes, He



came almost 2,000 years ago."

In my mind's eye, the words of our Bible came almost unbidden and the whole story unfolded in my mind. To think I had remembered so much from the supposedly forgotten Sunday school lessons of my childhood! Why I hadn't thought of such things for years and yet, now, there they were, as clear as when I first heard them! Verses flowed out of my memory, telling of His compassion and love and of the promise that even though He would die on the cross for our sins, He would come again at the end of the age. I told of the resurrection and His appearances and then of His ascension into the clouds and what the angels had told the saddened crowd. I also told of the prophecies He had made, and how many felt we were now on the edge of the Latter Days.

I paused at last and a great silence fell upon the room; even the flashing lights stilled for a moment. At last, the machine again spoke.

"Leave this place at once. Do not touch the treasure, for that is a gift left to the King when He comes. Take instead the artifact which lies to the right of the handprint. Then go in peace and quickly."

I must say I obeyed immediately, grabbing up the object that lay on the podium to the right of the handprint and fled that place with alacrity, hardly bothering to even glance in the direction of the chest as I sped by. I ran down the corridor and leaped gladly into the sunlight, breathing deeply of the sweet cold air. The stone slab had followed close upon my heels and slammed into place with a loud crash that echoed and re-echoed among the surrounding ice-clad peaks.

I gathered up my camp; Archer and I left within the hour, pausing at the top of the valley only for a brief salute before Archer carried me swiftly back down the trail of three crosses and back to the outside world."

Every once in a while Grandfather brings out the old sketches and we go through them, remembering. He shows me the object he had picked up—a small square of shining golden metal, thin as a wafer. On the front is a huge smoky topaz, and below that, carved deeply, are three crosses. In the centre of the middle cross, a bright green light pulses like a heartbeat, on and on, never once pausing during all the years that have followed.

Sometimes while sitting before a roaring fire in the studio fireplace or standing outside watching the stars, I can't help wondering. Did they all die at the last, or did a small remnant survive? Did they rebuild their civilisation following a different path, staying out there among the stars rather than return to a then-devastated Earth? Are they still out there, the great ships still travelling among the worlds? Have they ever visited their old home?

Lately we have noticed the light pulses more quickly than before. What that means, we don't know. Perhaps, some day, we will find out.

(Source: *Venture Inward*, May-June 1993)

WORLD GETS 3.5% WEIDER!

Sure it's a weird world, but it's getting weirder if the *Fortean Times* Strangeness Index for 1993 is anything to go by.

The magazine conducted a reader survey in mid-1993, and from this data and the editors' own study of subject matter traffic flow, concluded that 1993 was 3.5 per cent stranger than 1992.

To compute their index, the editors compiled a list under four key headings—animal, human, natural and paranormal worlds—with 34 topics in total ranging from animal attacks to UFOs.

They established a baseline year, 1992, and gave each topic an arbitrary value of 100—thus the baseline value for the index is set at 3400. Increases in traffic are noted as a +10 or -10 movement. The weirdness index for 1993 worked out at 3520—indicating an overall increase of 3.5 per cent. Though 19 topics recorded a rise, seven recorded a fall and eight no change at all.

Co-editor Bob Rickard explained: "We couldn't tell whether there was actually an increase in phenomena or an increase in reportings," but said he liked to think the list "could be useful in some sort of way."

Certainly, it gives insights into *FT* readers, but also draws attention to the fact that truly bizarre events happen regularly all around the world.

What Mr Rickard does find really amazing is the scientific establishment's lack of interest in trying to explain these strange phenomena: "The first confrontation with a new fact or a new theory is seen as a threat to the status quo."

(Sources: *Fortean Times* #73, February-March 1994; *The Los Angeles Times*, 6 June 1994)

UNSIGHTLY SEA MONSTER SEEN

Vancouver, Canada — Two university students have claimed to have seen a snorting, six-metre-long 'sea monster' off a beach in Victoria, British Columbia, on the Pacific coast.

The creature was described by 18-year-old Ryan Green as rocky-faced, with twin humps and a round body.

Ryan Green was sitting on a rock with a friend, Damian Grant, when they both sighted the 'monster' about 15 metres away as it swam across Telegraph Bay. They saw the heavy-breathing creature surface twice before it dived into the calm waters.

"All of a sudden, this head comes up, like a whale with no spray, said Green. "And then this hump, the size of an inner tube in diameter. And then another hump. It's nothing I've ever seen before."

The youths were contacted by Mr Ed



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Bousfield of the Royal British Columbia Museum. He said "their observations absolutely tally with the classical profile of the cadborosaurus", one of the last living dinosaurs.

Mr Bousfield said about 160 recorded sightings of the swift-swimming sea monster have been reported.

(Source: *Reuter; The Sun-Herald [Brisbane], 8 May 1994*)

EURO-ALIENATION?

Last December, the European Parliament's Energy Committee approved in principle a report recommending that a European UFO Observation Centre be established.

The report was submitted by Italian MEP and physicist, Professor Tullio Regge, who was inspired by the findings of the Service for Assessment of Atmospheric Re-entry Phenomena, already operating out of Toulouse, France, as a state-funded body.

Evidently, SAARP is unable to give scientific explanations for 40 per cent of the cases it has investigated.

While this doesn't necessarily confirm that aliens exist, Prof. Regge said that this shouldn't rule out the theory "that aliens have established a base in the asteroid belt".

Earlier this year, British MP and 'Euro-sceptic' Sir Teddy Taylor urged the British government to "refuse to pay one penny piece towards this madcap proposal", declaring it "the biggest piece of nonsense I have ever heard in my life, even out of Brussels".

Obviously someone in the European

Parliament is taking Prof. Regge's proposal seriously. Two weeks after Sir Teddy Taylor's outburst, an amendment was tabled compelling the Parliament to provide two seats for extraterrestrial representatives should Prof. Regge's report be accepted.

(Source: *Fortean Times* #75, June-July 1994)

DIVINER INTERVENTION

Two British skiers, lost in a blizzard 4,000 feet up a Bavarian mountain, owe their early rescue—and possibly their lives—to Georg Horak, a 73-year-old dowser from Oberammergau, Germany.

Ian Middleton, 34, and Steve Swindlehurst, 28, both from Aylesbury, Buckinghamshire, dug themselves in and tried to keep warm by drinking brandy.

After hours of searching without success, Mr Horak volunteered his services. In his living room, he held a piece of wire above a map of the area, allowing it to swing from side to side, and obtained a reading predicting to within a 1,000-foot area where the skiers would be found. He also warned that the men had broken something.

Three pairs of rescuers were issued with the diviner's instructions, and continued their search amidst temperatures dropping to -20°C. They found the lost skiers at 11.30 pm, within the area Mr Horak said they would be. And Mr Swindlehurst, in fact, had broken only a ski.

Rescue team chief Mr Alwin Delago said: "It was like looking for a needle in a haystack. We wouldn't have found them so quickly without the diviner's help. They

would have spent the night up there and risked exposure."

Commenting on her husband's success, Frau Horak said "My husband earned his living as a water diviner, locating water pipes and underground streams for building firms. It's a gift he was born with."

(Source: *The Daily Mail*, 26 Feb 1994)

'21-SHARK SALUTE'

When the funeral flotilla of Fijian president Ratu Sir Penaia Ganilau sailed out of Suva Harbour on 29 December last year, it was accompanied by a school of sharks.

This was entirely appropriate as the president was said to be a direct descendent of the shark god Dakuwaqa.

En route to the president's home island of Taveuni, the sharks surfaced during the ceremonial 21-gun salute in front of the Tovuto, the boat bearing the coffin.

Mourners considered this a sign reaffirming Ratu Sir Penaia's bloodline from Dakuwaqa—especially since even a single shark-sighting in Suva Harbour is extremely rare.

(Source: *The Independent*, 31 Dec 1993)

UNCANNY CANINE CONNECTION

An elderly woman in Britain contacted local telephone engineers to say that her telephone nearly always failed to ring when her friends called. On the few occasions when it did ring, her dog always barked first.

In the UK, a phone rings when 90 volts are sent across one side of the two-wire circuit and ground. When answered, it switches to the two-wire circuit, allowing two parties on the same line to be signalled without disturbing each other.

A technician duly arrived, climbed a nearby telegraph pole, connected his test set and dialled the house. The phone didn't ring, and he tried again. This time the dog barked loudly and the phone rang.

Upon further investigation, the technician discovered that the dog was tied to the telephone system's ground post via an iron chain and collar, and was receiving 90 volts of signalling current. After several jolts, the dog urinated on the ground and barked. The wet ground then conducted the signal and the phone rang.

See how some explanations can be so simple?

(Source: *InterNet message*, 18 December 1993, as reported in *Fortean Times* #74)



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BOOKS

ATLANTIS IN SPAIN

by Elena Maria Whishaw

Published by Adventures Unlimited Press (1994), PO Box 74, Kempton, IL 60946-0074, USA

ISBN 0-932813-22-4

Price: AUD\$32.00 (284pp pb)

Available: Sydney Esoteric Bookshop (see ad on page 63).

This reprint of the 1928 Rider & Co. classic, *Atlantis in Andalusia*, is recommended reading for those keenly interested in verifying the Atlantis 'legends' of old. It also fills a few gaps in the knowledge concerning Spain's relevance in the Atlantis scenario.

Author/archaeologist Elena Maria Whishaw spent the first quarter of this century in southern Spain, researching and writing about prehistoric archaeology—and the evidence she found for ancient sun-worshipping kingdoms in what is now Spain.

Much of her work focused on the ancient city, Niebla, in the 'biblical' Iberian Tartessus region, which she claims to have been colonised by Atlanteans any time from 12,000 years ago—and possibly as long ago as 30,000 or 40,000 years.

Atlantis in Spain features prehistoric structures, sun-worshipping ancient landmarks such as the Sun Temple of the Sun Temple and maps of strange and

around Niebla are included. With plentiful maps and illustrations too, this book is a must for the armchair archaeologist!

POISONOUS PRESCRIPTIONS Antibiotics Can Cause Asthma

by Lisa Landymore-Lim

Published by PODD (Prevention of Diseases & Disability) (1994), PO Box 1237, Subiaco, WA 6008; phone/fax (09) 367 6623

ISBN 0-646-18167-X

Price: AUD\$20.00 inc. p&h within Australia (174pp pb)

Available: PODD.

Poisonous Prescriptions will make every reader think twice before taking another

Poisonous Prescriptions

- ECCTOGEN
- DIURETICS
- ANTIBIOTICS
- AMOXICILLIN
- BENZODIAZEPINES
- ANTIHYPERTENSIVES

Antibiotics can cause asthma

Prescription medicines can cause diabetes, blood disorders, eczema and deafness. Although drugs may be considered safe, discover why you may be at risk.

LISA LANDYMORE-LIM

prescription drug. Dr Landymore-Lim's findings—that diabetes and asthma may result from exposure to antibiotics and other drugs—are sending shock waves through the medical profession. In fact, many patients who have been exposed to drugs may be walking time-bombs, liable to fall prey to disease at any time.

This book is written for the general public, but there is also excellent reference material for the health-care professionals who want to stay up-to-date with research that drug companies are failing to publicise.

Dr Landymore-Lim graduated in 1983 from the School of Chemistry and Molecular Sciences, University of Sussex, England, with a First Class Honours degree in Chemistry by Thesis, and is now an independent consultant and investigator focusing on the harmful effects that exposure to chemicals may have on health.

AUSTRALIAN SPIES AND THEIR SECRETS

by David McKnight

Published by Allen & Unwin Pty Ltd (1994), PO Box 8500, St Leonards, NSW 2065; phone (02) 901 4088, fax (02) 906 2218

ISBN 1-86373-666-1

Price: AUD\$24.95 (350pp pb)

Available: Sydney Esoteric Bookshop (see ad on page 63).

In 1989, when ASIO caught on that researchers like David McKnight were spending time amongst its archives, it



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tried to extend its 'thirty-year rule' to fifty years—in effect, forcing researchers to wait 'til the year 2000 to access ASIO's earliest files from 1949.

However, after an ensuing ombudsman's enquiry, and legal action by McKnight and a fellow writer, ASIO's new Director-General of Security changed the prevailing uncooperative attitude—thus making available to McKnight a number of key documents for the period 1949-62. The public's right of access and right to know was assured, at least in convenient time bundles.

The author covers the period 1944-75 and first considers ASIO—the Australian Security Intelligence Organisation—with in the context of post-war history, and the effect of the global Communism vs Capitalism clash on Australian daily life.

In true sleuth style, McKnight compiled a potential contact list of 100 ex-operatives and managed to interview over thirty former ASIO officers who gave accounts of ASIO's little-known acts of subversion and espionage over the years.

We learn of ASIO's involvement with some foreign intelligence agencies in conducting secret investigations into certain Australian individuals; of their role in promoting military intervention in Vietnam in 1964-65, of their infiltration into political parties, trade union groups and media establishments—the list goes on.



SPIDER'S WEB

The secret history of how the White House illegally armed Iraq
by Alan Friedman

Published by Bantam Books (1993), 1540 Broadway, New York, NY 10036, USA
ISBN 0-553-09650-8

Price: AUD\$48.00 (455pp hc)

Available: Sydney Esoteric Bookshop.

Wow, what a book! It exposes the key players in the Bush and Reagan administrations who allowed and encouraged Saddam Hussein to amass his awesome arsenal. All in all, some pretty amazing stuff which makes one wonder that the Gulf War was just a huge set-up.

The author, Alan Friedman, is a correspondent for *The Financial Times* of London, and four-time winner of British Press Awards, the British equivalent of the Pulitzer Prize.

He began covering the scandal known as Iraqgate while serving as the paper's Milan correspondent, and later broke new ground while working on a joint investigation with Ted Koppel and *ABC Nightline*.

You will find in this book all the information that the mainstream media considered too hot to handle.

Dedicated conspiracy researchers should add this book to their library.

COLD FUSION IMPACT in the Enhanced Energy Age by Hal Fox

Published by Fusion Information Center (1992), University of Utah Research Park, PO Box 58639, Salt Lake City, UT 84158-0639, USA; phone (801) 583 6232, fax (801) 583 6245
ISBN 0-9634978-0-4

Price: AUD\$50.00 (182pp pb) (includes Bibliography of Cold Fusion on disc)
Available: Sydney Esoteric Bookshop (see ad on page 63).

Anyone researching the progress of cold fusion science would be well-advised to read this book. It's an excellent compendium about this potentially world-shattering breakthrough, announced unusually via press conference at the University of Utah in March 1989—much earlier than its discoverers, electrochemists Drs

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Stanley Pons and Martin Fleischmann would have liked.

Compiled by the editor-in-chief of *Fusion Facts*, the book includes updates from this newsletter, and contains an appendix listing 96 cold fusion patent applications filed during 1989-91. It comes together with a quarterly-updated disc containing over 90 pages of cold fusion bibliography for the period 1989-93, plus new material from *Fusion Facts* and other sources. Most of the over 1,200 articles listed are supportive of cold fusion's reality.

The underlying emphasis of *Cold Fusion Impact* is to explain why it's so important that we develop enhanced energy systems (those that give more energy output than input). The book surveys the projected impact that cold fusion or, indeed, any over-unity energy system will have on a variety of industries, on agriculture, the environment and the financial community.

Cold Fusion is an emerging science where small leaps are being made regularly by researchers worldwide—including its discoverers. The sooner it is taken more seriously, the sooner the emerging technology will become available.

THE NATIONAL DIRECTORY OF HAUNTED PLACES

by Dennis William Hauck

Published by Athanor Press (1994), PO Box 22201, Sacramento, CA 95822-0201, USA; phone/fax (916) 424 4355 ISBN 0-9637914-1-9

Price: USD\$24.95 (406pp, pb)

Available: Athanor Press.

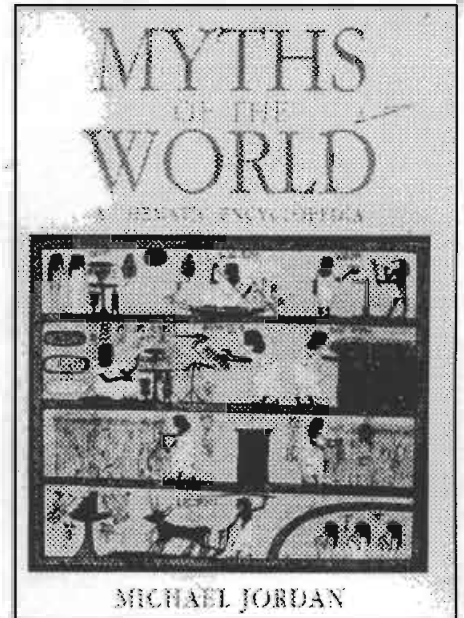
Something strange going on in your neighbourhood? If you have a keen interest in the unexplained—and happen to live in the United States—you'll find this guidebook to supernatural phenomena spine-tingling reading.

This would have to be the first compendium covering haunted houses, UFO locations and paranormal places across all 50 states. It details over 2,000 authenticated supernatural sites, each with addresses, phone numbers, travel directions and, in many cases, photographs.

The directory includes a nationwide contact list of parapsychology and related

organisations, plus a footnoted bibliography to assist the interested reader's further forays.

If you're looking for inspiration for your next holiday, this directory can take you to far-out places you never knew existed.



MYTHS OF THE WORLD A Thematic Encyclopedia by Michael Jordan

Published by Kyle Cathie Limited (1993), 7/8 Hatherley Street, London SW1P 2QT, United Kingdom

ISBN 1-85626-110-7

Price: AUD\$54.95 (302pp hc)

Available: Sydney Esoteric Bookshop.

Students of mythology know how often similar myths crop up in different cultures regardless of boundaries of time and space. With the impressive range of stories presented in this book, it strikes home just how rich our heritage is, and how similar human experience is down the ages.

The key feature of this book is that the global myths are grouped according to themes, rather than country or period of origin. Myths from many of the great cultures—Sumeria, Greece, Mexico, India, Polynesia, Egypt—fit together harmoniously.

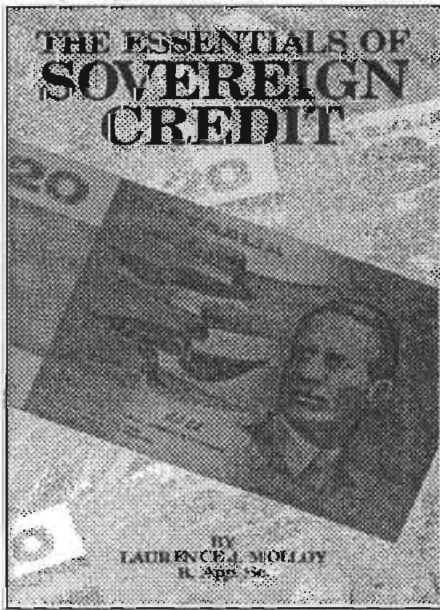
The stories cover the important concepts which touch all humanity: from creation, to birth, childhood, initiation, to death and the afterlife. Myths explaining love,



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magic, hunting, kingship, the changing seasons, indeed, all the important aspects of day-to-day life are well-documented.

Myths of the World is a storehouse of the world's mythological legacy, and is a classic volume to have and hold in your library for posterity.



THE ESSENTIALS OF SOVEREIGN CREDIT

by Laurence J. Molloy, B.App.Sc.

Published by Foundation Press (1993),
PO Box 407, Victoria Park, WA 6100
ISBN 1-875778-01-2

Price: AUD\$15.00 + \$2.80 p&h within
Australia (168pp pb)

Available: Foundation Press.

This is essential reading for anyone interested in the cultural, economic and financial future of Australia—and the world—and concerned about being bled dry by local and foreign banking interests.

Author Laurence Molloy comes out fighting for a true people's bank—a sovereign bank to uphold "the economic prosperity and welfare of the people of Australia", as set down in the *Reserve Bank Act* of 1959.

The Essentials of Sovereign Credit looks at the realities of credit creation; what it means to have a balanced money supply, with examples drawn from ancient Rome, mid-17th century France, Japan in the mid-19th century, and more; and the reasons why we have 'recessions we have to have'.

CHEMICAL CRISIS

One Woman's Story. Humanity's Future?

by Diana Crumpler

Published by Scribe Publications Pty Ltd
(1994), RMB 3120 Lancefield Road,
Newham, Vic. 3442; phone (054) 27
0360

ISBN 0-908011-25-3

Price: AUD\$24.95 (363pp pb)

Available: Sydney Esoteric Bookshop.

This is an alarming account of one family's battle against an insidious enemy—multiple chemical sensitivity, the syndrome of the century.

Author Diana Crumpler is herself a victim of this condition, first brought on by exposure to DDT and mevinphos, two of the deadliest pesticides ever concocted, sprayed by crop-dusting planes around the family farmhouse in the early '70s.

Chemical Crisis was written to warn that the whole community is being placed at risk of serious illness due to widespread use of pesticides and petrochemical products. The author links the rapid rise in autoimmune and nervous disorders since the second world war to increased environmental pollution.

The book chronicles Diana Crumpler's exploration into her own illness, and her encounters with authorities in identifying the causes. It includes a useful appendix that lists some of the non-chemical help available, from self-help groups and laboratories to suppliers of allergy-free products, and environmental-health organisations.

This is a compelling, courageous work that deserves to be read by concerned citizens and medical professionals alike.

EXOTIC PATENTS

Exotic, Suppressed and Secret Patents of the United States Patent Office

Published by Conti Associates (1994), PO
Box 1014, Carmel, NY 10512, USA

Price: USD\$20.00 + USD\$5.00 overseas
p&h (72pp sb)

Available: Conti Associates.

Close to five million patents are stored away in the US Patent Office. Many are fantastic inventions that could revolutionise the way we live, yet many have been mysteriously suppressed, given top-secret defence classifications, or have

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simply been forgotten.

Exotic Patents is an aptly-titled collection of inventions listed numerically by patent number, date, inventor's name and with a brief description. The scope covers anti-gravity devices, free-energy motors, water-powered cars, radionic machines, brain-mind interfaces and much more.

Almost all of Nikola Tesla's patent numbers from 1886 are included. Key inventions are listed from luminaries like T. Townsend Brown, T. G. Hieronymus, Georges Lakhovsky, T. Henry Moray and Patrick Flanagan. With significant patents from less-well-known inventors, this listing covers over 350 patents—a century of developments to the year 1986.

Separate sections of this manual contain 50 selected patent illustrations, a collection of patent abstracts, and resource lists for research follow-up.

Exotic Patents takes the tedium out of doing your own Patent Office searches. The trick is in knowing what to look for, but the serious researcher, armed with patent numbers, can easily obtain copies of the complete documentation from the Office.

Afficionados can also look forward to revised editions of this book as Conti Associates unearth more gems from the hidden archives of the public domain.

KOMBUCHA — THE MIRACLE FUNGUS by Harald W. Tietze

Published by Harald W. Tietze, PO Box 34, Bermagui South, NSW 2546; phone (064) 93 4552, fax (064) 93 4900
ISBN 0-646-18852-6

Price: AUD\$9.80 inc. p&h in Australia (100pp pb)

Available: From the author/publisher (see ad on page 64).

Kombucha is an ancient food and healing product originating in Asia. It was and still is widely used in the treatment of many illnesses where in some cases it has produced almost miraculous results.

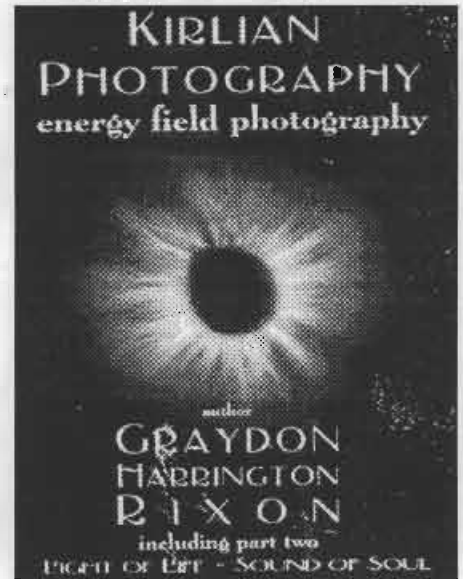
It is essentially a fermented tea-like beverage, which in my opinion tastes very nice—a welcome change from those distasteful herbal mixtures which abound these days.

This book is a do-it-yourself guide to

kombucha. It tells you all about how to ferment the fungus, how to store it, how to take it, how much to take, etc., etc., etc.

Ailments which have been relieved by taking kombucha include cancer, prostate disorders, bladder stones, diarrhoea, constipation, high blood-pressure, rheumatism, arthritis, gout, colds, *Candida albicans* and impotence.

Thoroughly recommended!



KIRLIAN PHOTOGRAPHY Energy Field Photography by Graydon Harrington Rixon

Published by Life Force (1994), PO Box 8378, Woolloongabba, Qld 4102; phone (07) 344 3898

ISBN 0-646-18307-9

Price: AUD\$38.00 (110pp sb)

Available: Auragraph Energy Research Centre (see ad on page 57).

This is a great book! My only complaint is that Graydon took so long to write it, but after reading it, it was worth the wait.

I first met Graydon about 15 years ago. He was avidly pioneering Kirlian photography in Australia, blending his technology together with the research of Nikola Tesla, and achieving spectacular results.

While this book does cover Kirlian photography, and contains some great colour photographic examples, it goes a lot further. It explores the whole range of vibrational/acoustic/harmonic effects of life, in terms of sound, smells, colours, etc.

There is some remarkable examples also of how Kirlian photography can be used to show how different alternative or spiri-

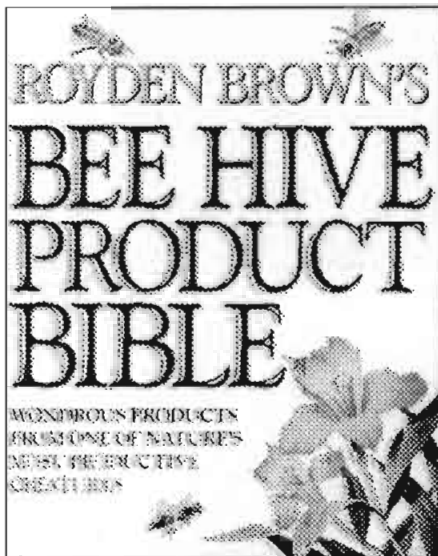


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tual healing techniques can actually work. For example, a photo is taken of someone's handprint while they are in a peaceful state of mind, and then a photo is taken of the same person in an agitated or angry state of mind: the results are reflected in the Kirlian photograph in amazing detail.

An excellent book on its subject!



BEE HIVE PRODUCT BIBLE by Royden Brown

Published by Avery Publishing Group Inc. (1993), Garden City Park, NY, USA
ISBN 0-89529 521 0

Price: USD\$9.95 + p&h (225pp pb)
Available: C. C. Pollen Company, 3627 E. Indian School Road, Suite 209, Phoenix, AZ 85018-5126, USA; phone (602) 957 0096, fax (602) 381 3130.

This is another truly amazing book. It is so amazing that I intend to publish an article in an upcoming edition of NEXUS on the wonders of bee pollen, propolis, royal jelly and honey.

Coincidentally, I have just been experiencing the effects of propolis in getting rid of a sore throat and cold, and I can tell you—this stuff is good!

Royden Brown is the founder and president of the C. C. Pollen Company, the largest harvester of honeybee pollen in the USA, and he really has put together a book crammed full of very interesting information. Stay tuned for our article, but, in the meantime, get this book!

VIDEOS

MASTERS OF THE STARS

Produced by Genesis III, Box 25962, Munds Park, AZ 86017, USA
Price: AUD\$49.95 (75 mins PAL VHS)
Available: NEXUS Magazine, PO Box 30, Mapleton, Qld 4560; phone (074) 42 9280, fax (074) 42 9381.

If you liked the contents of *Messengers of Destiny*, you'll like this follow-up video. What's more, this is a better-quality production all round.

There are a spectacular number of UFOs captured on video, hovering over Mexico City both in broad daylight and at night.

Although a sequel to *Messengers of Destiny*, *Masters of the Stars* stands alone in that it recaps the essentials of *MoD* and takes events further.

There are some really amazing pieces of footage, photos, computer enhancements and information on this tape—evidence which, in my opinion, has powerful implications for UFO research.

Highly recommended viewing. If you can't afford to buy it yourself, get your local video shop to buy it from us instead!

AUSTRALIA ON THE BLOC Trade Blocs and the Great GATT Deception with Jeremy Lee

Produced by Freedom Potentials Inc. (1994), PO Box 7372, Toowoomba Mail Centre, Qld 4352
Price: AUD\$30.00 inc. p&h in Australia (PAL VHS)

Available: Freedom Potentials Inc.
Jeremy Lee is definitely an excellent speaker and communicator. Anyone wanting to know more about the Maastricht Treaty, NAFTA, APEC and GATT should study this video.

Jeremy Lee believes that these new economic groupings are the synthesis of a long-term power struggle with a fully-fledged New World Order as its final goal.

He draws upon historical examples and deals with various recent events with many references to newspaper articles. He explains what these treaties are all about and what they will probably mean to us if they come into full effect.

Australia on the Bloc is chock-full of information on how these trade agreements will affect our lives. Don't miss it!

REVIEWS



VIDEOS

CORAL SEA DREAMING...

An Evolving Balance

Produced by Coral Sea Imagery and Natural Symphonies (1992)

Price: AUD\$40.00 inc. p&h in Australia (55 mins PAL or NTSC VHS)

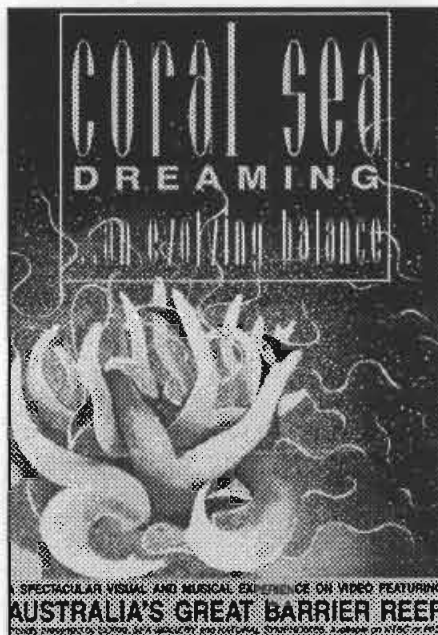
Available: J. West, Veritas Press, GPO Box 1653, Bundaberg, Qld 4670 (see ad on page 63).

On first viewing this video, I just ran out of superlatives to describe it. As it says on the cover notes, it's "a remarkable visual and musical odyssey into the world of coral reefs". The quality of images and the superbly mesmerising way in which the music from Adelaide composer Tania Rose blends in with the undersea imagery of coral and fish, just has to be experienced. The amazing variety of creatures that live on the reefs will astound you.

The video was four years in the making, and put together by film-maker David Hannan who teamed with scientist Russell Kelly and artist Cathy Bone to complete the *Coral Sea Dreaming* package.

This could be the sort of gift that would delight a friend in Australia or overseas. If you are reading this review in the international edition, I could recommend this as an extraordinary visual experience of the wonder that is Australia's Great Barrier Reef. Absolutely recommended. It's also accompanied by a 20-page full-colour booklet. The Tania Rose sound-

track of *Coral Sea Dreaming* can be purchased separately from ABC shops on CD or cassette.



ANCIENT SECRETS—Part 3 The Ancient Harmonic Science

Produced by Network 23, The Avenue, Valley Heights, NSW 2777

Price: AUD\$35.00 inc. p&h in Australia (30mins PAL VHS)

Available: NEXUS Magazine, PO Box 30, Mapleton, Qld 4560, Australia; phone (074) 42 9280, fax (074) 42 9381.

In Part 3 of the *Ancient Secrets* series, we are presented with a synthesis of infor-

mation linking the essential ingredients of *The Keys of Enoch*, the Earth's energy grid system, sacred geometry and crop circles with prophecies of the future.

It includes interview extracts with David Ash, Paul Cadwallader, Brian Crowley, Palden Jenkins, Lorraine Mafi Williams, John McGovern, Paul White and others.

I guess once it's established that there is an energy grid system spanning the planet, the next questions are: what causes this grid, and how can we use it?

From what is presented in this video, it would appear that the ancient cultures were shown the uses of this grid by 'visitors from the stars'. By utilising key frequency sounds applied at strategic points on this grid (such as Grid Point 44 in South Australia), the trained 'gridworker' can obtain startling results.

The most fascinating piece of information I found in *Part 3* is this: if a beam of light is directed down into the apex of a tetrahedral prism, the light is split into some basic primal 'shapes'. As this pyramid-shaped prism is rotated, the side-views of these light-forms appear to take on different shapes.

Is it coincidence that the ancient Hebrew language is made up of exactly these forms, applied as an alphabet?

Another fascinating angle in all this is the emergence of networks of people dedicated to aligning and activating this energy grid, with the intention of making our planet more harmonious and healthy.

Ancient Secrets—important knowledge!



REVIEWS

AUDIO

ANIMAL TRACKS

Created and Produced by Tom Quarmby and Hayden Turner for Okapi Music
Price: AUD\$18.00 (cassette),
AUD\$25.00 (CD) (55 mins)

Available: Larrikin Entertainment Pty Ltd, PO Box 437, Newtown, NSW 2042; phone toll-free 008 81 5707, fax (02) 519 1401; and selected music stores.

This album is a true listening experience which takes you into a range of different natural environments around the world. From the primeval swamp to the open dry plains to the lush jungles of the planet, all environments are represented.

Sound engineer Tom Quarmby and animal-keeper Hayden Turner have tried to develop a total sound-feast to create a feeling of being part of a natural landscape close to the animals and birds. With a quality sound system you'll feel in the midst of the jungle, out on an African plain or lost in leafy water pools.

Animal Tracks will do its bit to help we humans back from the brink of losing a million years of natural heritage. The album package, too, is rich in images from the close-up photography of Matt Millgate and Omee Deling. I loved its sensual, textural visuals. They alone are worth the price of the album.

Recommended if you want to capture the fading natural soundscapes of the Earth.

LUNA

by Gabrielle Roth & The Mirrors

Produced by Raven Recording, PO Box 2034, Red Bank, NJ 07701, USA; phone (201) 642 7942, fax (201) 621 2185
Price: AUD\$18.95 (cassette),
AUD\$28.95 (CD) (42 mins)

Available: Wild Eagle Trading, PO Box 260, East Kew, Vic. 3102; phone (03) 859 3275, fax (03) 819 7182; and selected music stores.

Gabrielle Roth has established a solid reputation for producing rhythmic trance/dance music which is based on the sounds of ancient ancestral music. On *Luna*, together with her loose collective of artistes, The Mirrors, she uses traditional instruments like the didgeridoo and percussion and combines them with synthesizers, electric violins, harp, and more. Her previous recordings include the titles

Ritual, Initiation and Totem.

This one is another of those low-sounding, primeval rhythm pieces that touch deep into the recesses of memory where we hold that time of a united culture where we all connected with music and dance. Gabrielle Roth seems to have the knack of reconnecting with the ancient mystery time and bringing it through to share with us on record. I particularly enjoyed the pieces, "Elusian Blue", "Labyrinth", and the title track, "Luna".

Turn the lights down, light a single candle and immerse yourself in these ancient trance sounds. They can take you to your core memories.



SPINNER'S DANCE by One Straw

Produced by Salamander Productions
Price: AUD\$25.00 (CD)
Available: Ann Bermingham (manager),
34 Fewings Street, Toowong Qld 4066;
phone (07) 371 6507.

Last year we discovered Brisbane-based 'folk fusion' band, One Straw, at an alternative health festival.

We were drawn to their original Celtic/medieval/gypsy-style music with its often haunting, heart-rending rhythms and lyrics. Their spirited, infectious music inspired us to get to our feet and dance with reckless abandon—and at times to just sit and feel the power of vocalist Annie Deller's bitter-sweet refrains of joy and lament.

The group uses traditional and unusual instruments—Irish flute, Celtic harp, mandolin, seed-pods, spoons—to portray their curious musical vision. With their 1992 *Spinner's Dance* recording, we believe they deserve a much wider audience.

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theories, he can singlehandedly bankrupt Corporate America. This was like 1981 or 1982. It turned into a big, big thing.

Like I say, it's the chemical companies, drug companies and all that. And it's really kind of funny because these people are chasing their tail. For example, among the people in Dow Chemical Company who claim that Bill Rea is a "quack", many of them go to him. You know, board chairmen go to him because they're sick. They know it's true, but it's not good for business. We're gonna make it good for business.

I mean, basically we don't want to shut the chemical companies down. We want people to be less cavalier about the use of these chemicals.

For instance, when we used to use X-ray fluoroscopy to see if our shoes fitted, we used much less X-ray than we do today, but we were just a lot more cavalier about it. And that's what I want, and that's what we all want with chemicals. We don't want to shut the plants down or stop using them or anything—we just want to be less cavalier.

And if you look at the way computer

chips were made five years ago (they are changing now), the way they were manufactured in the United States and in Japan was really striking. They were doing exactly the same process with exactly the same chemicals. In Japan, people were wearing masks and respirators and working behind hoods and wearing protective clothing. In the United States, people were dipping things in and out and smoking and eating lunch.

G: And they were getting this 'disease that has no name'. I read about that.

L: Right. The same thing that these Gulf War people got. It does have a name: Chemically-Induced Immune Dysregulation.

Let me show you what immune dysregulation in my opinion is. This is kinda my favourite thing. Let me just finish up with this. We'll start off here.

G: The blind men? I did my doctoral thesis on that.

L: Oh, good. Before the turn of the century there was a group of scientists and physicians who were injecting bugs into rabbits. And the injections exempted the animals from the cost of disease.

G: Oh, vaccination.

L: Yes. So they called themselves immunologists, and about the same time there were people studying endocrinology, neurology and psychiatry. After the turn of the century, people began studying hay fever, and they were allergists. These were all separate disciplines until the 1920s when neurology and psychiatry got together because they were the same discipline. And in 1967, allergy and immunology got together for the same reason.

In the late '70s and '80s, everybody got together. They're all studying biological response modification, and are all looking at the same system. And this system really isn't an immune system. We were not endowed with it to protect ourselves with hazards from the environment: we were endowed with it to control growth and differentiation of virtually every organ from the mesodermal layer of the embryo. And so I, as an immunologist, am looking at only one component, but this is 'chemically-induced disorders of biological response'. And that is what this disease is. That it has no name is bullshit!

G: So lawsuits are the vehicle by which the adult Americans are beginning to realise that these things are affecting their

Modern Medicine & its Military Links

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beauty and health.

L: I have never seen a vehicle of social change that works as fast and effectively as the toxic tort arena. Never. And the toxic chemical lawsuits have done more for humanity than anything else. And the bigger the settlement, the better it is.

And let me tell you this: we are wearing safety belts not because someone published in *The New England Journal of Medicine*, but because somebody kicked somebody's tail in a lawsuit. That's the only way to get people to turn around: you have to hit 'em where they live, you have to cost them money. So these lawsuits are wonderful things, and the more money that is generated from them, the better it is for humanity.

G: It costs the industry money, or whoever is being sued, but on the other hand, as you said before, it sounds like the benefit is that it makes people aware.

L: Right. Right. It makes them aware of what is going on. These lawsuits are incredibly beneficial. And if you had tort reform you would really cause a lot of problems, because then there would be very little way you could get at people who

are doing very nasty things.

G: Is that why there has been a movement underway to control the amount of money people can get in lawsuits?

L: Yes, oh, yes.

G: It isn't just to protect the insurance companies.

L: No. Not at all. Basically, it's to allow people to maintain the status quo.

G: Do you want to say anything about the way you treat people whose immune systems are damaged?

(Time ran out here. I was handed a published article to answer this question: Alan S. Levin, M.D., and Vera S. Byers, M.D., Ph.D., "Multiple Chemical Sensitivities: A Practicing Clinician's Point of View, Clinical and Immunologic Research Findings", in *Toxicology and Industrial Health*, vol. 8, no. 4, 1992, pp 95-109. It will be summarised in a forthcoming issue of *Blazing Tattles*.) ∞

For subscription details to *Blazing Tattles*, please refer to the advertisement below.

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products than ever before. It is a new law, different in scope and intent from the Act.

"The Plant Variety Rights Office and Department of Primary Industries and Energy want to create an industrial property regime that rewards transnational seed and agribusiness companies so well, they will rush to register new varieties in Australia. The Bill primarily serves such interests."

Phelps said the PBR Bill had the power to extend breeders' monopoly rights beyond the 20 years for trees and 25 years for vines, so that monopolies could become permanent. He was also concerned that farmers' rights to save seeds would soon disappear.

"It has been reported that after the Bill becomes law, cotton may be declared a species from which seed may not be saved.

"There is no democratic procedure for grower or community consent to end farm-saved seed."

Bob Phelps said that despite consistent lobbying, the Australian government had failed to offer adequate safeguards.

"It's a conspiracy between seed companies and governments to gain complete control over our lives."

SEED-SAVERS' NETWORKS GROW

Opponents of PBR legislation and the seeds monopolies have rallied to the cause of protection of plant genetic resources and biodiversity.

Seed-savers' networks have been formed in North America, Europe and Australasia, to maintain and build a collection of original, chemical-free seeds for use by home-gardeners, organic growers and small-acreage farmers.

The task of these groups and others like the Heritage Seed Curators' Association,

permaculture networks and agrarian groups, has been made more urgent with the adoption of Plant Breeders' Rights bills worldwide.

In USA, the Iowa-based Seed Savers' Exchange co-ordinates seed-saving programs in several states.

Canada's Heritage Seed Program is run by the Canadian Organic Growers.

The UK's Henry Doubleday Research Association has seed libraries and facilities to assist organic growing.

Germany has the Berlin-based *Gen-Ethisches Netzwerk* and Green Party, while Friends of the Earth and the Green Alliance are active in most European countries.

In Australia, The Seed Savers' Network is run by Michel and Jude Fanton out of Byron Bay, New South Wales. Mr Fanton said the network now has 2,000 members, while its seed bank now boasts almost 1,200 varieties.

While admitting the future of the world's seed and food supplies was bleak, he was optimistic that more private citizens would begin to save their own seeds.

"It's up to all of us to protect our lifestyle from being eroded," said Mr Fanton. "It's now vital we get in touch with the old people, to learn as much as we can about how to save seed, grow produce and support ourselves."

Small commercial seed companies like Eden Seeds, Heirloom Seeds, Phoenix Seeds, and Greenpatch Seeds in Australia are creating banks of organic, open-pollinated, non-hybrid seed. Catalogues give growers a wide choice of fruits, vegetables, flowers and other species, at reasonable cost.

All are committed to protecting natural varieties of seed and informing the public of the need to fight for their rights against PBR legislation, genetic engineering and patenting of seeds, genes and viruses. ∞

— CONTACTS —

AUSTRALIA:

Bay Seed Garden, PO Box 715, Busselton, Western Australia 6280; phone (097) 52 2513.

Eden Seeds, MS 316, Gympie, Queensland 4560; phone/fax (074) 86 5230.

Gen-Ethics Network, 340 Gore Street, Fitzroy, Vic. 3065; ph. (03) 416 2222, fax (03) 416 1767.

Heritage Seed Curators' Association, "Wombat Bluff", W-Tree via Buchan, Victoria 3885; phone (051) 55 0227.

Phoenix Seeds, PO Box 9, Stanley, Tasmania 7331; phone (004) 58 1105.

The Seed Savers' Network, PO Box 975, Byron Bay, NSW 2481; phone/fax (066) 85 6624.

NEW ZEALAND:

GATT Watchdog, PO Box 1905, Christchurch; phone (03) 366 2803, fax (03) 365 2919.

UNITED KINGDOM/EUROPE:

Henry Doubleday Research Association, National Centre for Organic Gardening, Ryton-on-Dunsmore, Coventry CV8 3LG, UK; phone (203) 30 3517.

USA/CANADA:

Rural Advancement Foundation International, PO Box 655, Pittsboro, NC 27312, USA; phone (919) 542 1396, fax (919) 542 2460.

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